

Samsung My Shot™

(S C H - r 4 3 0 S e r i e s)

P O R T A B L E T R I - B A N D

M O B I L E P H O N E

User Manual

**Please read this manual before operating your
phone, and keep it for future reference.**



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Section 1: Getting Started

This section explains how to start using your SCH-r430 phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 129.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 106.

Notes and Tips

Throughout this guide there is text that is set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes:** Explain alternative options within the current feature, menu, or sub-menu.
- **Tips:** Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important:** Points out important information about the current feature that could affect performance, or even damage your phone.

Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Use of other accessories may invalidate your warranty and may cause damage.**

Use the Travel Adapter

The travel adapter included with your phone is a convenient, light-weight charger that rapidly charges your phone from any 120/220 VAC outlet.



1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.

Important! For connection to an electrical supply not located in North America, you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adaptor could damage your phone and void your warranty.



2. Insert the smaller end of the Travel Adapter into the charger/accessory connector at the bottom end of your phone.

Important! You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

Low battery indicator

The battery indicator () in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Three bars () indicate a full charge.
- An empty battery icon () indicates a near empty battery.
- A blinking empty battery icon () and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to use your phone without charging its battery, the phone will shut down.

Activating Your Phone

Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Install the Battery

Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important! You must fully charge the battery the first time you use your phone, otherwise you could damage the battery. A fully discharged battery requires up to 4 hours of charge time.

1. Insert the top end of the battery first, matching the gold contacts on the inside of the battery to those on the phone.
2. Press lightly on the bottom end of the battery down into the phone until it slips into place.



3. Place the battery cover over the battery and slide the battery cover into place.



Remove the Battery

1. Press and hold the power button to turn off the phone (if on).
2. Press down on the battery cover release latch (1) and slide the cover (2) toward the bottom end of the phone.
3. Lift the battery (3) up and away from the phone, bottom end first.



Turn Your Phone On

1. Open the flip on your phone, as shown.
2. Press the power button.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

3. The phone begins searching for a network signal.
4. Once the phone finds a signal, the time, date, and day appear in the second line of the display.
5. You're now ready to place and receive calls.



Note: If you are outside of your carrier's coverage or roaming area, the No Service icon () appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Turn Your Phone Off

- ▶ Press and hold  for two or more seconds. Your phone powers off.

Note: If your phone is on and you press  for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the Voicemail folder (under the Message menu) to view details of voice messages in your Voicemail box.

1. In standby mode, press and hold  or dial your own mobile number to dial Voicemail.
2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

1. In standby mode, press and hold  or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting.

2. You are prompted to enter your password.

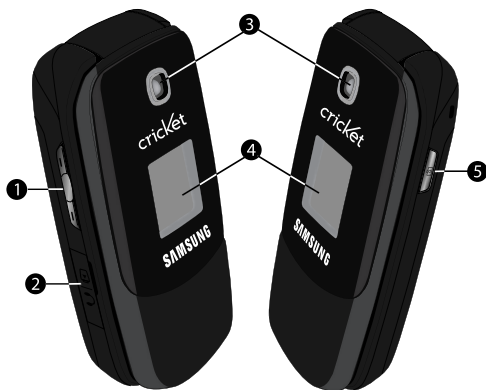
Section 2: Understanding Your Phone

This section outlines some key features of your phone. It also describes the screen format and the icons that will be displayed when the phone is in use.

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA 2000 1x Technology)
- Global Positioning System (GPS) Technology
- PIM Functions
- Text Messaging
- Picture Messaging
- Built-in Digital Camera
- Voice Dial
- Speakerphone

Closed View of Your Phone



Features

1. **Volume Key** — In standby mode (with the flip open), adjusts the voice call ringer volume.
During a call, adjusts the voice volume.

With an incoming call, mutes the ringer.

In standby mode (with the flip closed), enables the backlight for the Front Display (shows the time and phone status icons).

2. **Power/Accessory Connector** — Lets you connect a travel adaptor or optional accessories (such as, a headset or a handsfree car kit) to your phone.
3. **Camera Lens** — The lens of your phone's built-in Camera.
4. **Front Display** — Shows time, date, and phone status icons.
5. **Camera Key** — Launches the Camera feature in your phone.

Open View of Your Phone



Features

1. **Main Display** — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators, signal strength, and so on.
2. **Navigation Key** — In Menu mode, lets you scroll through the phone menu options. In Standby mode, lets you access preset functions and one user-defined function.
3. **Left Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Main LCD.
4. **SEND Key** — Lets you place or receive a call. In standby mode, press the key once to access the recent call log.
5. **Voice Mail Hot Key** — Pressing and holding this key calls your Voice Mail account.
6. **Special Function Keys** — Enter special characters. Performs various functions.
7. **Microphone** — Lets the other caller hear you clearly when you are speaking to them.
8. **Voice Recognition Key** — In Idle mode, pressing and holding this key launches VoiceSignal options.
9. **Alpha-numeric Keys** — Use these keys to enter numbers, letters, and characters.
10. **BACK Key** — Deletes characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.
11. **END/Power/Menu Exit Key** — Ends a call. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.
12. **Right Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.
13. **OK Key** — In standby mode, pressing this key launches the Main Menu. In Menu mode, pressing this key accepts the highlighted choice in a menu.
14. **Earpiece** — Lets you hear the other caller.

Command Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the Left soft key () and the Right soft key ()

Left Soft Key

Some functions of the Left soft key are as follows.

- In standby mode, press the **Settings** (left) soft key () to open the Settings menu.
- When the left soft key function is Edit, press **Edit** () to edit a Contact.

Right Soft Key

Some functions of the Right soft key are as follows.

- In standby mode, press the **Contacts** (right) soft key () to open the Contacts **Find** list.
- When the right soft key function is Options, press **Options** () and a pop-up menu appears.
- When the right soft key function is Back, press **Back** () to back up one menu level.

MENU/OK Key

- In standby mode, press the **MENU** key () to open the main menu.
- In a menu, press the **OK** key () to accept the highlighted selection.

- In camera mode, press the **TAKE** key () to take a photo or to create a Pic. message.
- When the **MENU/OK** key function is EDIT, press the **EDIT** key () to edit a Draft message.

CLR Key

The **CLR** key () is used to erase or clear numbers, text, or symbols from the display. You can also use  to return to a previous menu or to return to standby mode from any menu.

1. If you enter an incorrect character, briefly press  to backspace (and delete) the character.
2. To erase the entire sentence, press and hold .
3. To back up one menu level, briefly press .
4. To return to standby mode, press and hold  until you return to standby mode.

END Key

1. Press the **END** key () to turn your phone on.
2. Press and hold the **END** key () to turn your phone off.
3. Briefly press  once to disconnect a call.
4. Press  to return to standby mode from any menu, or to cancel the last input.

SEND Key

The **SEND** key () is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

1. Press  once to answer calls.
2. Enter a number and briefly press  to make a call.
3. Briefly press  in standby mode to display a list of recent calls to and from your phone.
4. Press  twice in standby mode to call the most recent number.
5. Press  to pick up a waiting call. Press  again to switch back to the other call.

Navigation Key

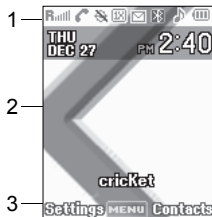
Use the directional keys on the Navigation key () to browse menus, sub-menus, and lists. Each key also acts as a shortcut to launch applications.

Camera Key

Use the Camera key () — located on the right side of your phone — to activate the camera built into your phone and to take pictures.

Understanding the Display Screen

1. The top line of your phone's main display contains icons that indicate network status, battery power, signal strength, connection type, and more.
2. The center portion of the main display shows information such as call progress information, messages, and photos.
3. The bottom line of the main display shows current soft key functions.



The sample screen shows that pressing the Left soft key () will open the **Settings** menu, pressing the **MENU** key () will display the Main Menu, and pressing the Right soft key () will show the **Contacts Find** screen.

Display Screen Icons

Your SCH-r430 phone can show you definitions of the icons that appear on the top lines of the front and main displays. To access the Icon Glossary:

- ▶ In idle mode, press **MENU** → **Settings** → **Phone Info** → **Icon Glossary**. A list shows of the icons that can appear on the top lines of the displays.

External Display

Your phone has an external display on the outside of the flip. When you close the phone, the external display shows a digital or analog clock. (For more information, refer to “Clock Format” on page 92.)



Icons that appear in the external display indicate the following:

- Incoming calls and messages
- Alarms and alerts
- Battery charge level
- Signal strength

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory. Dialogue boxes and their definitions are outlined below.

• Choice

- Example: “Save message?”

• Reconfirm

- Example: “Erase message?”

• Performing

- Example: “Sending...” “Connecting...”

• Completed

- Example: “Message Saved”

• Information

- Example: “New Voicemails”

• Error

- Example: “System Error!”

• Warning

- Example: “Battery Low,” “Memory Full!”

Backlights

Backlights illuminate the internal and external displays and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: During a phone call, the display backlights dim and turn off after 10 seconds to conserve battery power, regardless of the Backlight setting. (For more information, refer to “Backlight” on page 94.)

Your Phone's Modes

Call Answer Mode

You can select how you wish to answer a call.

1. In standby mode, press the **MENU → Settings → Call Settings → Call Answer**. The following call answer options appear in the display:
 - **Any Key** — Pressing any key except  or  answers a call.
 - **Send Key** — Only pressing  answers a call.
 - **Flip Open** — Opening the phone's flip or pressing  answers a call.
2. Use the navigation keys to highlight an option.
3. Press the  key to select the method for answering calls.

Input Mode

Input mode determines how you enter text, numbers and symbols. While at any text entry screen, press the Left soft key () , then choose the input mode from the pop-up menu using the navigation keys. Optional input modes are **T9 Word**, **Abc**, **ABC**, **123**, and **Symbols**. (For more information, refer to “Entering Text” on page 30.)

Tip: You can also cycle between **T9 Word**, **Abc/ABC**, and **123** by repeatedly pressing and holding the  key until the phone beeps.

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the volume key. Unlock your phone by entering the lock code when prompted. (For more information, refer to “Change Lock” on page 99.)

Standby Mode

Standby mode is the state of the phone once it has found service and is idle. The phone goes into standby mode:

- After you power the phone on.
- When you press  after a call or from within a menu.

In standby mode, you will see the time, day, and date as well as all phone status icons.

1. While in standby mode, enter a phone number, and press  to place a call.
2. Press  to return to standby mode.

Receive Messages in Standby Mode

You can receive messages in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives. The following call message options appear:

- **View Now** — Lets you view the message now.
- **View Later** — Lets you view the message at a later time.

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in talk mode. Press **Options** () to display a list of menu options. (For more information, refer to “The In-Use Options” on page 28.)

Enter/Exit Silent Mode

Silence the tones your keypad makes when you press a key.

- In standby mode, press and hold . **Entering Silent Mode** briefly appears in the display and your phone returns to standby mode.
- While in Silent mode and standby mode, press and hold . **Exit Silent Mode** briefly appears in the display and your phone returns to standby mode.

Vibrate Mode

- ▶ In standby mode, repeatedly press the Volume key () down until **Vibrate** appears in the display.

The Volume key is on the upper left side of phone, near the Left soft key ().

Adjust the Ringer

1. In standby mode, press the Volume key () on the left side of the phone up or down. Options are:
 - **Ringer Off**
 - **Vibrate**
 - **Low**
 - **Low/Medium**
 - **Medium**
 - **Medium/High**
 - **High**
 - **Vibrate/High**
2. When you are satisfied with the setting, press the  key. Your phone returns to standby mode.

Tip: You can also enter the **Volume/Vibrate-Calls** sub-menu by pressing **Settings** () , then pressing , , and . Use the Volume key on the left side of your phone to adjust the ringer setting.

Note: The Vibrate icon () appears in the display when the phone is in Vibrate mode. The Vibrate plus Ring icon () appears in the display when the phone is in Vib+Ring mode.

Camera Mode

Camera mode lets you activate your phone's camera to take pictures. In Camera mode, you can also adjust the resolution and appearance of your pictures. (For more information, refer to "Multimedia" on page 70.)

- **Entering Camera Mode** — In standby mode, press and hold the Camera key () on the upper right side of your phone.
- **Exiting Camera Mode** — Press the  key.

Section 3: Call Functions

This section explains how to make or answer a call. This section also includes the features and functionality associated with making or answering a call.

Making a Call — Number Entry Dialing

1. With the phone on, enter the number you wish to call using the keypad.
2. Press  to place the call.

Dialing Emergency Numbers

When you call an Emergency Number, such as 911, your phone locks itself in emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This enables emergency operators to more easily dispatch aid, such as police, fire fighting, and emergency medical personnel.

1. With the phone on, enter 911 using the keypad.
2. Press  to place the call.

Important! Emergency number 911 is preset into your phone. You can dial this number almost any time, even when the phone is locked or restricted.

If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important! Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important! DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Note: You can specify other numbers than 911 as emergency numbers using the **Emergency #** settings. (For more information, refer to “Emergency #” on page 100.)

Dialing International Numbers

1. In standby mode, press and hold  until the “+” symbol appears in the display, or enter the three-digit exit code (011) for the United States.
2. Enter the country code for the country that you are calling.
3. Enter the number that you wish to call, then press .

Note: Puerto Rico and Canada are on the North American dialing plan. When making calls to Puerto Rico and Canada it is similar to making calls within the United States, no unique country codes are necessary.

Manual Pause Calling

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **2-Sec Pause** — A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.
- **Wait** — A hard pause stops the calling sequence until you press the  key.

To manually call a number with pause(s) without storing it to your Contacts:

1. Enter the number you wish to call.
2. Press **Options** (). A pop-up menu containing the following options appears in the display:
 - **2-Sec Pause** — a two-second pause.
 - **Wait** — a hard pause (awaits input from you).
3. Use the navigation keys to highlight the desired pause option.
4. Press  to enter the highlighted pause into your number sequence.
5. Press  to call the number.

Making a Call — Speed Dialing

You can store phone numbers and contact names in your phone's Contacts list. Speed Dialing lets you quickly and easily dial any contact in your Contacts list by using that contact's location number in the list. You can assign and change location (speed dial) numbers for your contacts. (For more information, refer to “Assigning Speed Dial Numbers” on page 41.)

One-Touch Dialing

Speed Dial numbers 002 through 009 are special One-Touch dialing numbers. You can call the phone numbers stored in your phone's Contacts list and assigned Speed Dial numbers 002 through 009 by pressing and holding a single key.

Example: For Speed Dial number 003, press and hold  until the name and number appear in the display and the number is dialed.

Two-Touch Dialing

Memory locations 010 through 099 are special Two-Touch dialing locations.

Example: For Speed Dial number 013, briefly press , then press and hold  until the name and number appear in the display and the number is dialed.

Three-Touch Dialing

Memory locations 100 through 999 are special Three-Touch dialing locations.

Example: For Speed Dial number 113, briefly press , briefly press  again, then press and hold  until the name and number appear in the display and the number is dialed.

Pause Dialing From a Contacts Entry

- If you speed dial a contact that contains (two-second) 2-Sec Pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you speed dial a contact that contains (hard) Wait(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Making a Call — Quick Search Dialing

Use the **Quick Search** feature to dial any number stored in your Contacts list by pressing the number keys that correspond to the first few letters of a Contact name.

Note: For information on activation, see “Quick Search” on page 103.

Quick Search Dialing a Contact

To find and dial a Contact, do the following:

1. In standby mode, press the number keys that correspond

to the first few letters of the Contact name, as shown.

2. Press the Up navigation key. The **Contact List** screen appears showing the desired Contact name, as shown.
3. Press  to call the number.

Making a Call — Voice Dialing

Your The r430 mobile phone includes state-of-the-art voice recognition software that lets you dial numbers using your voice.

Using Voice Dial

Use the **Voice Dial** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use Voice Dial to dial any valid telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

Voice Dialing Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Dialing a Name

To dial a name, do the following:

1. In standby mode, press the  key.

"Say a Command" appears in the display and is pronounced through the earpiece.

2. Say, **"Call"**.

You are prompted to **"Say the name or #"**.

3. Speak clearly and say the name of a person in your Contacts list, first name followed by last name.

If the name is recognized, Voice Dial repeats the name and dials the number.

If Voice Dial is not sure which name you said, it displays a choice list of up to three names and prompts you with **"Did you say?"** followed by the first name on the list.

4. Say **"Yes"** to confirm the name or **"No"** to hear the next name, or use the keypad to select the correct name from the list. (For more information, refer to *"Choice Lists"* on page 87.)

- Press **Repeat** () to say the name again.
- Press **Settings** () then press **Exit** () to exit Voice Dial without dialing.

If the recognized name has multiple numbers stored for it (that is, Home, Work, Mobile, and so on), Voice Dial displays the possible choices and prompts you with **"Which number?"**

5. Say one of the following number types:

- **"Home"**
- **"Work"**
- **"Mobile"**

Voice Dial dials the specified number.

Dialing a Number

To dial a number using Voice Dial, do the following:

1. In standby mode, press the  key.

"Say a Command" appears in the display and is pronounced through the speaker.

2. Say **"Call"**.

VoiceSignal prompts you to **"Say the name or #"**.

3. Speak clearly and say the telephone number of the person you want to call. *For example, say "7 8 1 9 7 0 5 2 0 0."*

If it recognizes the number, Voice Dial repeats and dials the number. If Voice Dial is not sure it has recognized the number, it displays a choice list of up to three numbers and prompts you with **“Did you say?”** followed by the first number on the list.

4. Say **“Yes”** to confirm the number or **“No”** to hear the next one, or use the keypad to select the correct number from the list. (For more information, refer to *“Choice Lists”* on page 87.)
 - Press **Repeat** () to say the name again.
 - Press **Settings** () , then press **Exit** () to exit Voice Dial without dialing.

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains (two-second) 2-Sec Pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you voice dial a contact that contains (hard) Wait(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Your phone notifies you of a call in the following ways:

- A ring tone sounds and/or your phone vibrates (Your phone provides seven ring volume settings including: **Ringer Off**, **Vibrate**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, **High**, or **Vibrate/High**, and/or different ring types to distinguish callers.)
- A phone number (unless blocked by the caller) and a name appear in the display (If the caller's number and name are stored in your Contacts list).
- If the caller can't be identified, **Call from unavailable#**, **Call from restricted number**, or no number appears in the display.
- Your phone continues to notify you of the call until one of the following events occurs:
 - You answer the call.
 - You ignore the call.
 - The calling party ends the call.
 - The call is sent to voicemail.

Answering an Incoming Call

- ▶ Press the  key. The ring tone and/or vibration stop and the caller's voice can be heard in the earpiece.

Tip: You can set your phone to answer calls automatically or when you press any key but . (For more information, refer to *“Call Settings”* on page 96.)

Ignoring a Call

When you ignore an incoming call, the call is immediately forwarded to your voice mail.

- ▶ During an incoming call, press **Ignore** (). The caller is forwarded to your voice mail.

Adjusting the Call Volume

In standby mode, repeatedly press the volume key () down until the Call Volume Level desired appears in the display. The volume key is on the left side of phone.

Calls Log

The Calls log retains information about Outgoing, Incoming, and Missed calls. You can also view times for your last call and the time totals for all calls.

Review the Calls Log

1. In standby mode, press **MENU → Recent Calls**.
2. Press the number key associated with the Calls log that you wish to review or the function you wish to access:
 - Press  for **Outgoing Calls**.
 - Press  for **Incoming Calls**.
 - Press  for **Missed Calls**.
 - Press  for **All Calls**.
 - Press  for **Call Timer**.

- Press  for **Data Counter**.

Note: In cases where there is a Contacts match for a Calls log entry, the name associated with the number appears in the display instead of the number.

Outgoing Calls

Your phone retains information about the last 90 outgoing calls and stores them in the Outgoing calls log. You can review the Outgoing calls log for the time and date of a call, as well as other information.

Note: To quickly view your most recent calls, briefly press  in standby mode. Up to 270 of your most recent outgoing, incoming, and missed calls appear in the display.

1. In standby mode, press **MENU → Recent Calls → Outgoing Calls**. A list of your outgoing calls appears in the display.
2. Use the navigation keys to highlight a call, then press  to view further information about the call.
3. Press **Options** (). A pop-up menu containing the following options appears in the display:
 - **Save** — Save the number to your Contacts.

- **Details** — Calls to Contacts Only — Shows the entry for the called Contact.
 - **Erase** — Erase the selected call from your Outgoing call log.
 - **Lock/Unlock** — Protect the selected call from being erased.
 - **Erase All** — Erase all calls from your Outgoing call log.
 - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, Home Outgoing, Home Incoming, Roaming Calls, All Calls, Last Reset, and Lifetime Calls.
4. Press **Msg** () . The following options appear in the display:
- **Text Message** — Lets you send a text message to the selected number called.
 - **Picture Message** — Lets you send a picture message to the selected number called.

Note: For more information, refer to “Creating and Sending New Messages” on page 45.

5. Use the navigation keys to highlight an option.
6. Press the  key to perform the highlighted option's function.

Incoming Calls

Your phone retains information about the last 90 Incoming calls and stores them in the Incoming call log. You can review the

Incoming call log for the time and date of the call, as well as other information.

1. In standby mode, press **MENU** → **Recent Calls** → **Incoming Calls**. A list of your Incoming calls appears in the display.
2. Use the navigation keys to highlight a call, then press  to view further information about the call.
3. Press **Options** () . A pop-up menu containing the following options appears in the display:
 - **Save** — Save the number to your Contacts.
 - **Details** — Calls from Contacts Only — Shows the entry for the calling Contact.
 - **Erase** — Erase the selected call from your Incoming calls log.
 - **Lock/Unlock** — Protect the selected call from being erased.
 - **Erase All** — Erase all calls from your Incoming calls log.
 - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, All Calls, Home Outgoing, Home Incoming, Roaming Calls, Lifetime Calls.
4. Press **Msg** () . The following options appear in the display:
 - **Text Message** — Lets you send a text message to the selected calling number.

- **Picture Message** — Lets you send a picture message to the selected calling number.

Note: For more information, refer to “*Creating and Sending New Messages*” on page 45.

5. Use the navigation keys to highlight an option.
6. Press the  key to perform the highlighted option's function.

Missed Calls

Your phone retains information about the last 90 missed calls (calls that were never picked up) and stores them in the Missed call log. You can review the Missed call log for the time and date of the call, as well as other information.

1. In standby mode, press **MENU** → **Recent Calls** → **Missed Calls**. A list of your missed calls appears in the display.
2. Use the navigation keys to highlight a call, then press  to view further information about the call.
3. Press **Options** (). A pop-up menu containing the following options appears in the display:
 - **Save** — Save the number to your Contacts.

- **Details** — Calls from Contacts Only — Shows the entry for the calling Contact.
 - **Erase** — Erase the selected call from your Missed call log.
 - **Lock/Unlock** — Protect the selected call from being erased.
 - **Erase All** — Erase all calls from your Missed call log.
 - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, All Calls, Home Outgoing, Home Incoming, Roaming Calls, Lifetime Calls.
4. Press **Msg** (). The following options appear in the display:
 - **Text Message** — Lets you send a text message to the selected called number.
 - **Picture Message** — Lets you send a picture message to the selected called number.

Note: For more information, refer to “*Creating and Sending New Messages*” on page 45.

5. Use the navigation keys to highlight an option.
6. Press the  key to perform the highlighted option's function.

All Calls

You can review all of the calls log entries (outgoing, incoming, and missed calls) for the time and date of a call, as well as other information.

1. In standby mode, press **MENU → Recent Calls → All Calls**. A list of all logged calls appears in the display.
2. Use the navigation keys to highlight a call, then press  to view further information about the call.
3. Press **Options** (). A pop-up menu containing the following options appears in the display:
 - **Save** — Save the number to your Contacts.
 - **Details** — Calls from Contacts Only — Shows the entry for the calling/called Contact.
 - **Erase** — Erase the selected call from your Calls log.
 - **Lock/Unlock** — Protect the selected call from being erased.
 - **Erase All** — Erase all calls from your Calls log.
 - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, All Calls, Home Outgoing, Home Incoming, Roaming Calls, Lifetime Calls.
4. Press **Msg** (). The following options appear in the display:
 - **Text Message** — Lets you send a text message to the selected calling/called number.
 - **Picture Message** — Lets you send a picture message to the selected calling/called number.

Note: For more information, refer to “Creating and Sending New Messages” on page 45.

5. Use the navigation keys to highlight an option.
6. Press the  key to perform the highlighted option's function.

Call Timer

View the duration of your last call, total calls, and calls made during the life cycle of your phone using the Call Timer feature.

Note: Call Timer is not for billing purposes.

1. In standby mode, press **MENU → Recent Calls → Call Timer**. The following options appear in the display:
 - **Last Call** — View the duration of your last call.
 - **Home Outgoing** — View the duration of the total outgoing calls made on your phone since the last erasure.
 - **Home Incoming** — View the duration of the total incoming calls received on your phone since the last erasure.
 - **Roaming Calls** — View the total calls duration on your phone while roaming since the last erasure.
 - **All Calls** — View the duration of the total call, incoming, outgoing, and data calls made on your phone since the last erasure.
 - **Last Reset** — View the time and date all timers were last reset.
 - **Lifetime Calls** — View the duration of all calls since your phone was activated.

2. Press the **Reset** () to reset a selected counter except Last Reset and Lifetime Calls.
3. Press the **Reset All** () to reset all counters except Lifetime Calls.
4. Press  or  if you wish to exit the list.

Note: Although Total call timers can be erased, the Lifetime call timer can never be erased.

Data Counter

View the amount of Transmit data, Receive data, and Total data transmitted or received since the last time you reset the data counters, and the Lifetime amount of data transmitted or received.

Note: Data Counter is not for billing purposes.

1. In standby mode, press **MENU → Recent Calls → Data Counter**. The following options appear in the display:
 - **Transmit** — View the total amount of data transmitted by your phone since the last reset.
 - **Received** — View the total amount of data received by your phone since the last reset.

- **Total** — View the total amount of data sent or received by your phone since the last reset.
- **Last Reset** — View the time and date all timers were last reset.
- **Lifetime Data Counter** — View the total amount of data sent or received by your phone since activation (Lifetime Data Counter cannot be reset).

2. Press the **Reset** () to reset a selected counter except Last Reset and Lifetime Data Counter.
3. Press the **Reset All** () to reset all counters except Lifetime Data Counter.
4. Press  or  if you wish to exit the list.

Note: Although Total data counters can be erased, the Lifetime Data Counter can never be erased.

Roaming

What is Roaming?

Roaming lets you use your The r430 phone when you travel outside of your Wireless Provider's coverage area. The Roaming icon () appears in the top line of the display when Roaming is active, and extra charges may apply when making or receiving calls.

Note: Some features may be unavailable while roaming. Roaming also consumes additional power from the battery requiring more frequent recharging. Contact your Wireless Provider for more information about Roaming.

How Roaming Works

Roam Option lets you set roaming preferences if you move in and out of your home network. The following roaming options are available:

- **Home only** — Your phone is available for normal operation only in the designated coverage area.
- **Automatic** — Your Wireless Provider's Preferred Roaming List (PRL) of networks is used to acquire service. If no preferred networks are found, any digital system is acquired.

Note: For more information, refer to “*System Select*” on page 102.

Section 4: Menu Navigation

This section explains the menu navigation for your phone. It also includes an outline of the menus available with your phone.

Menu Navigation

Access menus using the **MENU** key (●), the Navigation key, the soft keys (⏏ ⏏), or a shortcut.

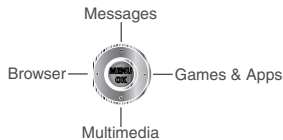
1. In standby mode, press **MENU** (●). The Main Menu appears in the display.
2. Use the Navigation key to browse phone menus.
3. Press ● to access a menu or sub-menu highlighted in the display.

Return to the Previous Menu

Press **CLR** or **Back** (⏏) to return to the previous menu.

Navigation Key Shortcuts

In standby mode, press a navigation key (as illustrated below) to launch its corresponding application.



The In-Use Options

Access numerous menus and features even while in a call.

Note: If the call is disconnected while accessing the In-Use Option, the In-Use Option disappears from the display and the phone eventually returns to standby mode.

1. While in a call, press **Options** (⏏). The following menu items appear in the display:
 - **Message** — The **Messages** menu appears in the display. (For more information, refer to “*Creating and Sending New Messages*” on page 45.)
 - **Contacts** — The **Contacts Find** screen appears in the display.
 - **Recent Calls** — The **All Calls** menu appears in the display.
 - **Send DTMF** — Send your phone number as DTMF tones to the other person on the call.

- **Voice Privacy** — When set to **Enhanced**, the phone sounds an audible beep when you lose privacy (encryption) on a CDMA connection. For this option to work correctly, you must have the Enhanced privacy option enabled in the Security settings. (This option is enabled by default.)
- **Location** — Lets you set location identification function for continuous operation or to operate only in the event that you dial 911.
- **Speaker On** — Places the phone in speakerphone mode, for hands-free calling.

Do one of the following:

- Use the Navigation key to highlight a menu or feature. Press the  key to open the highlighted menu or to activate the highlighted feature.
- Press the  key to exit the menu.

Tip: You can block sound going to the other party(ies) on this call by pressing **Mute / Unmute**. This can reduce noise on conference calls.

You can launch Speakerphone mode to conduct this call hands-free by pressing **Options Speaker On**.

Navigate Using Shortcuts

Using Menu Item Number Shortcuts

You can also access menus and sub-menus using menu item numbers. This method is often called a “shortcut.” To shortcut to

a menu or sub menu, press **MENU** () , then enter the menu and/or sub menu number(s) for the feature in question.

1. In standby mode, press **MENU** (). The main menu appears in the display.
2. Press the number of the menu, sub menu, and so on to arrive at the desired feature.

Using Quick Search

You can also access menus, sub-menus, and menu items by name.

Note: For information on activation, see “Quick Search” on page 103.

1. In standby mode and using the alpha-numeric keys, enter the first few characters of the name to the desired menu, sub-menu, or menu item.
2. Press the Down navigation key. The **Menu List** screen appears in the display listing the menu(s), sub-menu(s), and menu item(s) with matching names.
3. Use the Up/Down navigation keys to highlight the desired name, then press **OK** () to access your selection.

Section 5: Entering Text

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the amount of key strokes associated with entering text.

Text Entry Modes

You can compose text messages using alphabetical characters, symbols, and numbers. Each method of character entry (symbol, number, and so on) is called a text entry mode. There are four text entry modes, as indicated:

- **Alpha**—Alphabetical text entry mode. Options are:
 - **ABC** — All upper case
 - **Abc** — Initial capital
 - **abc** — All lower case
- **Symbols** — Symbol entry mode. Enter symbols into your message by pressing the corresponding number that appears above it in the display.
- **123** — Number entry. Enter numbers by pressing the corresponding key on the keypad.
- **T9 Word** — Predictive text mode. Press each key only once to enter the letter of the word that you're spelling.

Your current mode of text entry [**Abc**, **123**, or **T9 Word**] is indicated in the lower left part of the display when composing a text message.

Changing the Text Entry Mode

1. While composing a text message, press the Left soft key (). A pop-up menu containing the following options appears in the display:

- **T9 Word**
- **Abc**
- **ABC**
- **123**
- **Symbols**

Abc is highlighted. Use the Up and Down navigation keys to choose any of the other four text entry modes. Uses of the text entry modes are explained in greater detail in “*Messaging*” on page 45.

Entering Text in Alpha (Abc) Mode

1. Enter characters while in **Alpha** (Abc) mode by pressing the key with the desired characters (such as, pressing  once for “G”).

2. Press the key repeatedly until the desired character appears in the display (such as, pressing  two times for "H").
3. Pause briefly and the displayed character is accepted and inserted into your message.
4. Press  to enter a space.

Entering Text in T9 Word Mode

T9 Word recognizes commonly used words for a sequence of keypresses and inserts the word into your message. Using T9 mode is much faster than the more traditional method Alpha mode, since T9 *requires only one key press per letter* of the word that you are spelling.

Note: See "*Changing the Text Entry Mode*" on page 30 for instructions on changing text entry modes.

1. While in **T9 Word** mode, press each key that corresponds to a desired letter, in sequence, one time.

Example: If you press the key sequence   , the word "Bad" is likely to appear in the text entry field.

2. When you have completed pressing all the keys for the desired word, review the word appearing in the text entry field.
3. If the word in the text entry field is not the one you meant to enter, repeatedly press  until the word you want appears.

Example: When you press the key sequence   , the word "And" appears on the screen. Suppose the word you want is "Cod". Just repeatedly press  until "Cod" is highlighted in the display.

4. Press  to accept the highlighted word.

For practice, enter the word 'Samsung' into your message by pressing each of the following keys only once:



T9 Word recognizes that the most commonly used word for the sequence of keys you just pressed is "Samsung."

Tip: To enter words not likely to be in the T9 Word dictionary, such as uncommon abbreviations or slang, try changing the text entry mode from T9 Word to Abc or ABC.

Entering Upper and Lower Case Letters

In Abc and T9 Word modes, you can select to enter only upper case letters (**ABC/T9 WORD**), only lower case letters (**abc/T9 word**), or a mix of the two (**Abc/T9 Word**).

1. While in **T9 Word** or **Abc** mode, repeatedly press  to change the capitalization setting.

The left soft key label changes to indicate the current capitalization setting.

For example, if the left soft key label is **ABC**, and you want to enter the word “BALL”, press  until the left soft key label changes to **abc**, then enter the word “ball”.

Tip: To enter a capital letter within a word, such as “SimTam”, change the capitalization setting to Abc at the beginning of the word and before entering the “T”. The capitalization setting will automatically change to abc after you enter each upper case letter.

Entering Numbers

Enter numbers into a text message while in number mode (123).

Note: See “*Changing the Text Entry Mode*” on page 30 for instructions on changing text entry modes.

- ▶ While in **123** mode, press the key containing the corresponding number that you wish to insert into your message.

Entering Symbols

Symbol mode enables you to enter symbols such as @ or % in a text message.

1. In standby mode, press **Messages** shortcut (Up navigation key) → **Send Message** → **Text Message** to compose a new text message.
2. Enter the phone number of the recipient, then press the  key.
3. Press the Left soft key (). A pop-up menu containing the following options appears in the display:
 - **T9 Word**
 - **Abc**
 - **ABC**
 - **123**
 - **Symbols**

4. Use the Up and Down navigation keys to highlight **Symbols**, then press . The first of three screens of symbols appears in the display.
5. Use **Prev** () and **Next** () to page through the other symbols, if necessary.
6. Press the key that corresponds with the symbol that you wish to enter. For example, press  for an exclamation point (!).

Note: You can also use the navigation keys to highlight the desired symbol and then press  to enter the selected symbol into your message.

7. Repeat steps 3 through 6 to insert as many symbols into your message as desired.

Section 6: Understanding Your Contacts

This section explains how to manage your daily contacts by storing their name and number in your Contacts. Contacts entries can be sorted by name.

Your Contacts List

Your Contacts list can store up to 500 entries, with each contact having up to five associated phone numbers, an e-mail address, and a picture ID.

Each phone number can be up to 32 digits in length, including hard pauses. Contact names can be up to 32 characters in length. You can also specify a memory location for each entry, and you can restrict access to the Contacts list to prevent unauthorized use.

Tip: One-Touch, Two-Touch, and Three-Touch Dialing allow you to call numbers stored in your Contacts list faster. (See page 18.)

Open Your Contacts List

1. In standby mode, press **MENU** → **Contacts**. The following Contacts sub-menus and options appear in the display:
 - **Find** — Find a phone number by entering a Contact name.
 - **Add New Entry** — Add a number or e-mail to your Contacts.
 - **Speed Dial** — Assign speed dial numbers to your Contacts.

- **Group** — Rename one of your five Contacts groups.
- **Memory Info** — View available memory for dial entries.

2. Use the Up/Down navigation keys to highlight the Contacts sub-menu or option of your choice, and press .

Tip: You can also access a sub-menu or menu option by pressing the number key corresponds to the menu item number. For example, press  to select **Add New Entry**.

Adding a New Contacts Entry

You can add an entirely new entry to your Contacts list or add information to an existing entry.

Using the Contacts Add Option

1. In standby mode, press **MENU** → **Contacts** → **Add New Entry**. The **Add New Entry** screen appears in the display with the **Name** field highlighted.
2. Enter a name or phrase to associate with the type using the keypad. (For more information, refer to “Entering Text” on page 30.)
3. Use the Up/Down navigation keys to highlight each field.

4. Enter a phone number (**Mobile**, **Home**, or **Work**,) or an e-mail address (**E-Mail**) for the new Contacts entry.
5. If desired, assign the new Contact to a **Group**. This lets you send messages to and find this Contact and other related contacts. (For more information, refer to “*Group*” on page 39.)
6. If desired, select a unique **Ringtone** to identify this new Contact. (For more information, refer to “*Ringer Type*” on page 95.)
7. If desired, enter an additional phone number (**Pager** or **Fax**) for the new Contacts entry.
8. If desired, select an identifying image by highlighting the photo ID field and pressing **Set** (). The **My Images** screen appears in the display. (For more information, refer to “*My Images*” on page 70.)
9. Press **SAVE** () to save the new Contacts entry.

Saving a Number from a Call

Once you've finished a call, you can save the number of the caller to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the Save option is also unavailable.

1. After you press  to end your call, the call time, length of call, phone number, and name of the other party (if available) appear in the display.
2. Press **Save** (). The **Save** screen appears in the display showing the following options:
 - **Create New** — Lets you create a new Contacts entry.
 - **Update Existing** — Lets you add the number or e-mail address you just entered to an existing Contacts entry.

Tip: You can also store a phone number from standby mode by entering the number, and pressing **Save** ().

Creating a new Contacts entry:

3. Use the Up/Down navigation keys to highlight **Create New**, then press . The following (number type) icons appear in the display:



4. Use the navigation keys to highlight the number type that matches your new entry and press . The **Add New Entry** screen appears in the display with the number being save populating the selected number type field. (For more information on creating a new Contacts entry, see *"Using the Contacts Add Option"* on page 34..)

Adding the number to an existing Contacts entry:

5. Use the navigation keys to highlight **Update Existing**, then press . The **Update Existing** screen appears in the display showing your current Contacts list.
6. Enter the first few characters of the Contacts entry name under which you will store the saved number. (For more information on finding a Contacts entry, see *"Finding a Contacts Entry"* on page 37..)
7. Use the Up/Down navigation keys to highlight the desired Contacts entry, then press . The following (number type) icons appear in the **Update Existing** screen:



8. Use the Up and Down navigation keys to highlight the appropriate unassigned number type, then press . The **Edit Contact** screen appears in the display.
9. Make any added changes you wish to the Contacts entry. (For more information, see *"Editing an Existing Contact Entry"* on page 39..)
10. Press **SAVE** () to save the entry.

Storing Number from a Calls Log

You can store numbers from the Calls logs to your Contacts.

1. In standby mode, press **MENU** → **Recent Calls**.
2. Press the corresponding number on the keypad to view the following Calls logs:
 - Press  for **Outgoing Calls**
 - Press  for **Incoming Calls**
 - Press  for **Missed Calls**
 - Press  for **All Calls**
 - Press  for **Call Timer**
 - Press  for **Data Counter**

A list of your calls appears in the display.

3. Use the navigation keys to highlight the number you wish to store in **Contacts**.

4. Press **Options** () . The following options appear in the display:
- **Save** — Saves the selected number to your Contacts list.
 - **Details** — Calls to Contacts Only — Shows the entry for the called Contact.
 - **Erase** — Deletes the selected number from the selected Calls log.
 - **Lock / Unlock** — Prevents/allows deletion of the selected number.
 - **Erase All** — Deletes all numbers from the selected Calls log.
 - **View Timer** — Shows the call times for the Last Call, All Calls, Home Incoming, Home Outgoing, Roaming Calls, Last Reset, and Lifetime Calls timers for the selected Calls log.
5. Use the navigation keys to highlight **Save**, then press  . The following options appear in the display:
- **Create New** — Lets you create a new Contacts entry.
 - **Update Existing** — Lets you add the number or e-mail address you just entered to an existing Contacts entry.
- For more information on saving the number, see “*Saving a Number from a Call*” on page 35..

Finding a Contacts Entry

Voice Method

Use the VoiceSignal **Contacts** command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The Contacts command shows the requested contact information in the display but does not dial any phone numbers for the contact.

To look up information for a specific contact:

1. In standby mode, press the  key to launch **VoiceSignal**.
“**Say a Command**” appears in the display and is pronounced through the speaker.
2. Say “**Lookup**” .
VoiceSignal prompts you to “**Say the name.**”
3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your contact list.
 - If VoiceSignal recognizes the name you said, the contact information for that name appears in the display.
 - If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with “**Did you say?**” followed by the first name on the list.
4. Say “**Yes**” to confirm the name or “**No**” to hear the next name, or use the keypad to select the correct name from the list. (For more information, refer to “*Choice Lists*” on page 87.)
 - To say the name again, press **Repeat** ().

- To exit VoiceSignal without dialing, press  or .
5. The contact information for the name you selected appears in the display.

Keypad Methods

Find by Name

If you have stored a named contact in your Contacts list, **Find** and **Quick Search** let you locate the entry quickly.

1. In standby mode, do one of the following:

- Press **Contacts** (.
- Press **MENU** → **Contacts** → **Find**.

The **Find** screen appears in the display with an alphabetical list of Contacts showing.

Tip: If you have **Quick Search** enabled, from standby mode, you can press number keys that correspond to the first few letters of a Contact name, press the Up navigation key, then skip to Step 3. (For more information, refer to “Quick Search” on page 103.)

2. Enter the first few characters of the name of the contact as it appears in your Contacts list.

Example: If you saved a contact name as “Amy Smith”, begin your search for that contact by pressing  for “A”.

Note: As you enter letters, the entry names of the closest matches (thus far) appear in the display.

3. When the desired Contacts entry is listed in the display, highlight the contact using the Up/Down navigation keys (if necessary). Then, do one of the following:
 - Use the Left/Right navigation keys to select a number associated with the named Contact.
 - Press  to dial the number associated with the named Contact.
 - Press **Edit** () to change the information about the Contact.
 - Press **VIEW** () to show information about the Contact.
 - Press **Options** (). The following options appear in the display:
 - **New Contact** — Lets you add a new number to your Contacts list or to the selected contact.
 - **Erase** — Lets you delete the highlighted contact.
 - **Send Txt Msg** — Lets you send a text message to the selected contact.
 - **Send Pic Msg** — Lets you send a picture message to the selected contact.
 - **Call** — Lets you place a call to the highlighted contact.
 - **Send Name Card Via Bluetooth** — Lets you send a copy of the highlighted contact another Bluetooth device.
4. Use the Up/Down navigation keys to highlight the desired option, then press  to enter that option's sub-menu.

Group

This option lets you find a Contacts list entry with a specific Group name.

1. In standby mode, press **MENU → Contacts → Group**. The **Group List** screen appears in the display.
2. Use the Up/Down navigation keys to highlight the name of the group you wish to browse, then press . The selected Group list appears in the display.
3. Use the Up/Down navigation keys to find and highlight the desired Contacts entry, then do one of the following:
 - Press **Remove** () to delete the selected contact from the Group. (Does not apply to No Group.)
 - Press  to **ADD** an existing contact entry to the selected Group. (Does not apply to the General group.)
 - Press **Options** (). The following options appear in the display:
 - **Send Txt Msg** — Lets you send a text message to selected contact(s) in the current group.
 - **Send Pic Msg** — Lets you send a picture message to selected contact(s) in the current group.
4. Use the Up/Down navigation keys to highlight an option, then press  to enter that option's sub-menu.

Search by Number

This option lets you find a Contacts list entry by one of its phone numbers.

1. In standby mode, enter the first few numbers of the Contacts list entry you wish to find (such as the area code or area code and exchange — for example, 888-987).
2. Press **Options → Search**. The **Find** screen appears in the display listing all phone numbers in your Contacts list that contain the entered digits.
3. Use the Up/Down navigation keys (if necessary) to highlight the desired Contacts entry. Then do one of the following:
 - Press  to dial the highlighted number.
 - Press  to display information about the Contacts entry associated with the highlighted number. From the **View Contact** screen, you can erase or edit the selected Contacts entry.

Editing an Existing Contact Entry

Once stored in the Contacts, an entry can be changed quite easily.

1. Find the desired entry in the Contacts list. (For more information, refer to “*Finding a Contacts Entry*” on page 37.)

2. Press **Edit** () . The **Edit Contact** screen appears in the display with the contact name highlighted.
3. Use the Up/Down navigation keys to highlight a number stored in this contact entry.
4. Press  to backspace and delete numbers.
5. Press and hold  to clear all numbers in the highlighted field.

Note: You can also add numbers (such as a Pager number or a Fax number) to the entry, assign it to a Group, and add other information.

6. When you're finished editing the entry, press  . Your changes are saved and a confirmation message appears in the display.

Adding Pauses to Contacts Numbers

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **2-Sec Pause** — A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.

- **Wait** — A hard pause stops the calling sequence until further input from you.

Tip: You can enter multiple two-second pauses to extend the length of a pause. For example, two consecutive two-second pauses cause a total pause time of four seconds.

Note: Keep in mind that pauses count as digits towards the 32-digit maximum.

Store Pauses in a New Contacts Entry

1. In standby mode, enter the number you wish to store (such as your bank's teleservice number).
2. Press **Options** (). The following menu options appear in the display:
 - **Search** — Lets you find Contacts list entries by their phone numbers.
 - **2-Sec Pause** — Adds a two-second pause.
 - **Wait** — Adds a hard pause (awaits input from you).
 - **Send Txt Msg** — Lets you send a text message to the entered number.
 - **Send Pic Msg** — Lets you send a picture message to the entered number.
3. Use the Up/Down navigation keys to highlight the pause option of your choice.

4. Press  to enter the highlighted pause into your number sequence.
5. When you're finished entering the number and pauses, press **Save** () to store the number in your **Contacts**.

Add Pauses to an Existing Contacts Entry

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 37.)
2. Press **Edit** (). The **Edit Contact** screen appears in the display with the contact name highlighted.
3. Use the Up/Down navigation keys to highlight a number stored in this contact entry.
4. Use the Navigation key to place the cursor where you want to add a pause (usually at the right-hand end of the number).
5. Press **Options** (). The following menu options appear in the display:
 - **Set Speed Dial** — lets you assign a Speed Dial number to this Contacts entry.
 - **Set As Default** — your phone automatically dials this number when you find this Contacts entry and press the  key.

- **Wait** — a hard pause (awaits input from you).
- **2-Sec Pause** — a two-second pause.

6. Use the navigation keys to highlight the pause option of your choice.
7. Press  to enter the highlighted pause into your number sequence.
8. When you're finished entering pauses, press  to save your changes to the number in your **Contacts**.

Assigning Speed Dial Numbers

When you add or edit an entry to the Contacts list, you have the option of assigning a Speed Dial number using the Options pop-up menu or of returning to the Contacts menu and using the Speed Dial option. You can also change a contact's Speed Dial number.

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 37.)
2. Press **Edit** (). The **Edit Contact** screen appears in the display with the contact name highlighted.
3. Use the navigation keys to highlight a number stored in this contact entry.

Note: If a contact has more than one stored number (such as Home and Office), you can select which of these numbers your phone will dial when you Speed Dial that Contact.

4. Press **Options** () . The following menu options appear in the display:
 - **Set Speed Dial** — Lets you assign a Speed Dial number to this Contacts entry.
 - **Set as default** — Your phone automatically dials this number when you Find this Contacts entry and press .
 - **Wait** — A hard pause (awaits input from you).
 - **2-sec Pause** — A two-second pause.**Set Speed Dial** is highlighted.
5. Press  . The **Speed Dials** screen appears in the display.
6. Enter, or use the Navigation key to select, an unassigned Speed Dial number.
7. Press  to assign the new Speed Dial number to the selected Contact. You are prompted to confirm the assignment.
8. Press **Yes** () to assign the selected Speed Dial number. The **Edit Contact** screen appears in the display.
9. Press  to save the new Speed Dial number assignment.

Add a Number or E-Mail Address to an Existing Entry

1. Find the desired entry in the Contacts list. (For more information, refer to “*Finding a Contacts Entry*” on page 37.)
2. Press **Edit** () . The **Edit Contact** screen appears in the display with the contact name highlighted.
3. Use the navigation keys to highlight a number field or e-mail field in this contact entry.
4. Enter the phone number or e-mail address for the new Contacts entry.
5. Press  to add the number or e-mail address to the existing entry.

Edit an Existing e-mail Address

1. Find the desired entry in the Contacts list. (For more information, refer to “*Finding a Contacts Entry*” on page 37.)
2. Press **Edit** () . The **Edit Contact** screen appears in the display with the contact name highlighted.
3. Use the navigation keys to highlight the **E-Mail** field (labeled with the @ symbol).

4. Use the keypad to edit the **E-Mail** address. (For more information, refer to “*Entering Text*” on page 30.)

- To insert the @ symbol, do the following:
 - Press the **abc** (ABC). A pop-up menu appears in the display with **Abc** highlighted.
 - Use the Up/Down navigation keys to highlight **Symbols**, then press **OK**.
 - Highlight the @ symbol, and press **OK**.
 - Enter the remainder of the e-mail address using the keypad. (For more information, refer to “*Entering Text*” on page 30.)
- To add the domain type to the end of the e-mail address, do the following:
 - Press **abc** (ABC). A pop-up menu appears in the display with **Abc** highlighted.
 - Use the Up/Down navigation keys to highlight **Shortcuts**, then press **OK**.
 - Use the navigation keys to highlight the desired domain type (such as .com, .net, or .edu), then press **OK**.

5. Press **OK** to save your changes.

Speed Dial Numbers

You can assign and change Speed Dial numbers for Contacts entries.

1. In standby mode, press **MENU → Contacts → Speed Dial**. The **Speed Dial** list appears in the display.

Tip: You can also assign a Speed Dial number when creating or editing a Contacts entry. For more information, refer to “*Assigning Speed Dial Numbers*” on page 41.

2. Enter a Speed Dial number in the **Go To** field or use the navigation keys to highlight a Speed Dial number.
3. Press **SET** (OK). The **Set Speed Dial** screen appears in the display.
4. Enter a Contact name or use the navigation keys to highlight a Contact entry.
5. Press **OK**. You are prompted to confirm the new Speed Dial setting.
6. To save the new setting, press **Yes** (OK). To discard the new setting, press **No** (Cancel).

Renaming a Contacts Group

Use this option to rename a group in your Contacts list.

1. In standby mode, press **MENU → Contacts → Group**. A list of group names (like the following list) appears in the display:
 - **No Group**
 - **Business**

- **Colleague**
- **Family**
- **Friends**

Note: You cannot rename No Group.

2. Use the Up/Down navigation keys to highlight the group (other than **No Group**) that you wish to rename, then press **Options** (). The following options appear in the display:
 - **Send Txt Msg** — Lets you send a text message to all contacts in the selected Group.
 - **Send Pic Msg** — Lets you send a picture message to all contacts in the selected Group.
 - **Rename** — Lets you change the name of the selected Group.
 - **Erase** — Lets you delete the selected Group (this does not delete the related Contacts).
 - **Add** — Lets you add a new Group.
3. Use the Up/Down navigation keys to highlight **Rename**, then press .
4. The **Rename Group** screen appears in the display. The current name of the selected group shows with a flashing cursor at the end of the name.
5. Enter a new group name using the keypad. (For more information, refer to *“Entering Text”* on page 30.)

6. Press  to save the changed group name.

Deleting a Contacts Entry

1. Find the desired entry in the Contacts list. (For more information, refer to *“Finding a Contacts Entry”* on page 37.)
2. Press **Options** → **Erase**. The phone prompts you to confirm the erasure.
3. To erase the selected Contacts entry, press **Yes** (). To retain the Contacts entry, press **No** (.

Memory Info

Use the Memory sub-menu to view the amount of Contacts entries you have stored, as well as the remaining memory.

- ▶ In standby mode, press the **MENU** → **Contacts** → **Memory Info**. The amounts of memory used and remaining for Contacts entries appear in the display.

Section 7: Messaging

This section explains how to create, send, receive, and view different types of messages. This section also describes the features and functionality associated with messaging.

Accessing Your Messages

- ▶ To access the **Messages** menu from standby mode, do one of the following:
 - Press the Messages shortcut (Up navigation) key.
 - Press **MENU → Messages**.

The Messages menu appears in the display.

Creating and Sending New Messages

This section guides you through procedures for creating and sending text messages, picture messages, and video messages.

Creating and Sending a Text Message

1. From the **Messages** menu, select **Send Message → Text Message**. The **Create Text Msg** screen appears in the display showing the **Send To** list.
2. Address your message by selecting contacts and/or entering number(s) or e-mail address(es) of message recipient(s):

- To select a mobile number or e-mail address using your Contacts list, press **Add** (Add icon). The following options appear in the display:
 - **Contacts**
 - **Groups**
 - **Recent Calls**

The **Contacts** option is highlighted.

Press **OK**. The **Add Contacts** screen appears in the display. See *"Finding a Contacts Entry"* on page 37 for more information on finding a contact.

Use the Up and Down navigation keys to highlight a contact. Use the Left and Right navigation keys to select a phone Number or E-mail address for the highlighted Contact. Press **OK** to mark your selection.

To add the selected contacts to the **Send To** list, press **Done** (Done icon). The **Create Text Msg** screen appears in the display.

- To enter recipient e-mail address(es), press and hold the **Text** key to change the text entry mode from **123** to **T9 word** or **abc**. (For more information, refer to *"Add a Number or E-Mail Address to an Existing Entry"* on page 42.)
3. When you are finished addressing your message, press **OK**. The **Text** field appears in the display.
 4. Enter the text for your message using the keypad. (For more information, refer to *"Entering Text"* on page 30.)

- To change the text input method, do one of the following:
 - Repeatedly press and hold the  key until the desired text input method is indicated by the left soft key label.
 - Press the Left soft key () , use the navigation keys to select the desired text input method, and press .
 - Press the Left soft key () to select one of the following text entry methods:
 - **T9 Word**
 - **Abc**
 - **ABC**
 - **123**
 - **Symbols**
5. At any point while composing a message, you can set message send options by pressing **Options** () . (For more information, refer to “*Message Send Options*” on page 48.)
 6. Once you're finished composing your message, press **SEND** () to send your message.

Creating and Sending a Picture Message

1. From the **Messages** menu, select **Send Message → Picture Message**. The **Create Pic Msg** screen appears in the display with the first **Send To** field highlighted.
2. Address your message by selecting contacts and/or entering number(s) or e-mail address(es) of message recipient(s).

(See Step 2 of “*Creating and Sending a Text Message*” on page 45 for more information on addressing your message.)

Use the Navigation key to select additional **Send To**, **CC**, or **BCC** fields.
3. After addressing your picture message, press **OK** () .
The **Subject** field becomes highlighted.
4. Enter the Subject text using the keypad.

(See Step 4 of “*Creating and Sending a Text Message*” on page 45 for more information on choosing a text entry method, also see “*Entering Text*” on page 30 for more information on using text entry methods.)
5. Press the Down navigation key. The **Text** field becomes highlighted.
6. Enter the message text using the keypad.

(See Step 4 of “Creating and Sending a Text Message” on page 45 for more information on choosing a text entry method, also see “Entering Text” on page 30 for more information on using text entry methods.)

7. To set message send options, press **Options** (⌨). (For more information, refer to “Message Send Options” on page 48.)
8. To add a picture to the message, use the navigation keys to highlight the **Pic** field.
 - Press **My PIC** (📷) to access the picture gallery. If there are no pictures in the gallery, press **Camera** (📷) to launch the camera, then take a picture. If there are pictures in the gallery, thumbnail pictures appear in the display. Then, do the following:
 - Use the Navigation key to highlight a picture in the gallery.
 - Press **View** (📷) to expand the highlighted picture to fill the display.
 - Press **Camera** (📷) to activate the phone's camera and take a new picture. (For more information, refer to “Camera” on page 59.)
 - Press **Options** (⌨). (For more information, refer to “Message Send Options” on page 48.)
9. Once you have selected a photo, press ●. The **Create Pic Msg** screen appears in the display with the selected photo in the **Pic** field.

The **Sound** field becomes highlighted.

10. Press **Sounds** (🔊). The **My Sounds** screen appears in the display with the **Record New** option highlighted.
11. Press ● to record a new sound file, or use the navigation keys to select a listed sound file.
 - If you select the **Record New** option, the **Record New** screen appears in the display. Press **REC** (●) to begin recording.
 - Wait for the beep, then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording.
 - To pause the memo, press **Pause** (⏸). When a memo is paused, press **Resume** (▶) to continue recording.
 - Press **SAVE** (●) to stop recording. The **Record New** option and a list of sound files appear in the display with the **Record New** option highlighted.
 - Use the navigation keys to highlight your new sound file and press ●. The **Create Pic Msg** screen appears in the display with your selected sound file in the **Sound** field.
12. Once you're finished composing your picture message, do one of the following:
 - Press ● to **SEND** the message.
 - Press **Options** (⌨) to access other message options. (For more information, refer to “Message Send Options” on page 48.)

Postcard Messages

Your phone's camera lets you quickly send photos overlaid with handwritten messages as postcards attached to Picture messages, rather than using the keypad to enter your message. You can also include a sound file and keypad-entered text.

1. In standby mode, press the Multimedia (Down navigation key), then **My Images**. A photo gallery of thumbnail images appears in the display.
2. Highlight a picture to appear as the background of your handwritten Postcard message.

To take a new picture instead, press **Camera** (). The camera viewfinder screen appears in the display. (For more information, refer to “Taking Pictures” on page 59.)

3. While viewing a picture, press **Options** () and select **Create Postcard**.
4. Position your handset so that the complete text of a handwritten message appears within the image corners. (For more information, refer to “Taking Snap Shots (Single Pictures)” on page 59.)

Tip: For best results, write your message on white or light-colored, unruled paper (that is, no lines).

5. Use the Right navigation key to increase magnification of (“zoom in on”) the message, as needed.
6. Press **TAKE** (). “Merging...” appears in the display, followed by your new postcard (a high-contrast picture of your message overlaid on the selected photo).
7. If you are satisfied with the postcard, press **SAVE** () to save it.
8. To begin creating a Picture message containing your postcard, press **Options** () and select **Send**. The **Create Pic Msg** screen then appears in the display with the **Send To** tab highlighted and showing the **To:** list.
9. Complete and send your new “Postcard” message. (For more information, refer to “Creating and Sending a Picture Message” on page 46.)

Message Send Options

You can set priority, validity, and other options before you send a message.

1. After you've composed a text or picture message, press **Options** (). The following are Send Options that can appear in the display (which options appear depends on what type of message you composed and what message field you have highlighted):

- **Preview** — Lets you view a Picture or Video message as the recipient will see it.
- **(Add) Preset Msg(s)** — Lets you add pre-composed text to a message.
- **Save As Draft** — Saves this message in the Drafts folder.
- **Save As Preset** — Saves the text of this message as a Preset Message.
- **Priority Level** — Lets you assign a **High**, **Normal**, or **Low** priority to the message.
- **Validity Period** — Lets you set a **Date** and **Time** when this message will no longer be available to the recipient. After the set period of time, your message is recalled.
- **Deliver Ack** — Set to **On** to be alerted when your message is received by the addressee.
- **Remove Pic** — Removes the picture from a Picture message.
- **Remove Sound** — Removes the sound file from a Picture message.
- **Add To Contacts** — Lets you add the addressee numbers or E-mail addresses to your Contacts list.

- **Delivery** — Lets you set Message Receipt (**On/Off**), message Priority (**Normal/Urgent**), and whether to include your Callback Number or Signature in a message.

- **Cancel Msg** — Exists your message and prompts you to save it.

2. Use the Navigation key to display the various **Send Options** for each menu item.
3. When the desired send option is highlighted, press  to confirm the selection or to enter the send option's sub-menu.

Receiving New Messages

When you receive a message in standby mode, an alert sounds (unless turned off) and a **New Message** notification appears in the display along with the closed envelope icon ().

The date and time of the message and the following options also appear in the display:

- **View Now** — Opens the message where you have the option to Play Again, Forward, Reply With Copy, Save PIC, Save Sound, Save Video, Save Preset Msg, Lock/Unlock, Add To Contacts, Callback# or Message Info.
- **View Later** — Closes the popup and saves the message to your inbox where you can view it later.

Use the navigation keys to highlight the desired option and press



Receive Messages While in a Call

When you receive a message while in a call, a **New Message** notification appears in the display along with the closed envelope icon (✉). The date and time of the message and the following options also appear in the display:

- **View Now** — Opens the message where you have the option to Play Again, Forward, Reply With Copy, Save PIC, Save Sound, Save Video, Save Preset Msg, Lock/Unlock, Add To Contacts, Callback# or Message Info.
- **View Later** — Closes the popup and saves the message to your inbox where you can view it later.

Highlight the desired option and press ●.

Voicemail

Voicemail allows callers to leave voice messages in your voice mailbox, and lets you review, play, and delete your voice messages any time you are in your Carrier's network coverage area.

Voicemail Setup

Before callers can leave voice mail messages, you must first set up your account. See *"Setting Up Your Voicemail"* on page 7 and *"Message Settings"* on page 54 for more information.

Checking your Voicemail

1. In standby mode, press and hold  until you're connected to the voice mail system. A recorded message prompts you for a password.
2. Enter your password, then follow the recorded prompts, to listen to your voice message, change administrative options, and so on.

Tip: You can also access your Voicemail by using the entries in the Voicemail folder. For more information, refer to *"Voicemail"* on page 54.

Message Folders

Inbox

Received messages of all types (except Voice Mail) are stored in the Inbox.

1. From the **Messages** menu, select **Inbox**, to open the **Inbox** folder.
2. Use the navigation keys to highlight a message, then do one of the following:
 - Press **Erase** () to delete the message.
 - Press **OPEN** (●) to view the highlighted message, then proceed to Step 3.

- Press **Options** (⌨). The following options appear in the display:
 - **Reply** — Lets you reply to a message.
 - **Reply With Copy** — Text Message only — Lets you reply to a message and include a copy of the original message.
 - **Forward** — Lets you forward the message to other e-mail addresses or mobile phone numbers.
 - **Lock / Unlock** — Blocks or allows erasure of the selected message.
 - **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
 - **Erase Inbox** — Deletes all messages from the Inbox folder.
 - **Message Info** — Lets you display status information about a message.

Highlight an option, then press **Enter** to perform the function for the highlighted option.

- Press **Back** to return to the **Messages** menu.

3. While viewing a selected message, do one of the following:

- Press **Erase** (⌨) to delete the message.
- Press the **REPLY** (⌨) to compose and send a message to the sender of the highlighted message.
- Press **Options** (⌨). The following options appear in the display:
 - **Play Again** — Picture Messages only — Replay a sound file included with a Picture message.
 - **Forward** — Lets you forward the message to other e-mail addresses or mobile phone numbers.
 - **Reply With Copy** — Text Message only — Lets you reply to a message and include a copy of the original message.

- **Save Quick Text** — Saves the message text as a Preset Message entry.
- **Save Pic** — Picture Messages only — Saves a copy of the image included in the selected message to the My Images gallery.
- **Save Sound** — Picture Messages only — Saves the sound file in the message to the My Sounds gallery.
- **Lock / Unlock** — Block or allow changes to the selected message.
- **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
- **Message Info** — Lets you display status information about a message.
- **Extract** — Text Message only — Lets you call the originator of a message.

Highlight an option, then press **Enter** to perform the function for the highlighted option.

- Press **Back** to return to the **Inbox** list.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code. (For more information, refer to “*Lock Phone*” on page 99.)

Outbox

Your phone stores outgoing messages in the Outbox, regardless of whether the message was successfully sent to, or received by, the addressee.

Tip: Verify whether and when a message or e-mail was successfully received by enabling the Delivery Ack message send option. (See “Message Send Options” on page 48 for more information.)

1. From the **Messages** menu, select **Outbox**. A list of your outgoing messages appears in the display.
2. Use the navigation keys to highlight a message, then do one of the following:
 - Press **Erase** () to delete the message.
 - Press **OPEN** () to view the highlighted message, then proceed to Step 3.
 - Press **Options** (). The following options appear in the display:
 - **Forward** — Send the message to another addressee.
 - **Resend** — Re-send the message.
 - **Lock / Unlock** — Block a message from being erased or free a message to be erased.
 - **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
 - **Erase Outbox** — Erase all messages in the Outbox folder.
 - **Message Info** — Lets you display status information about picture messages.Highlight an option., then press  to perform the function for the highlighted option.
- Press the  key to return to the **Messages** menu.
3. While viewing a selected message, do one of the following:

- Press **Erase** (left soft key () to delete the message.
 - Press the **RESEND** () key to resend a message to the original addressee.
 - Press the **Options** (right soft key () The following options appear in the display:
 - **Play Again** — Picture Messages only — Replay a sound file included with a Picture message.
 - **Forward** — Send the message to another addressee.
 - **Erase** — Picture Messages only — Erase this messages from the Outbox folder.
 - **Lock / Unlock** — Block a message from being erased or free a message to be erased.
 - **Save Quick Text** — Save the message text in the Preset Msg folder.
 - **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
 - **Message Info** — Lets you display status information about picture messages.
 - **Extract** — Lets you call the recipient of the message.
- Use the navigation keys to highlight an option. Press
- 
- to perform the function for the highlighted option.
- Press  to return to the **Outbox** list.

Drafts Folder

Messages in the Drafts folder are those that have been composed but never sent. You can return to the Drafts folder at any time to view, edit, or send a draft message.

1. From the **Messages** menu, select **Drafts**. A list of your draft messages appears in the display.
2. Use the navigation keys to highlight the message that you wish to edit, then do one of the following:

- Press **Erase** (🗑️) to delete the message.
- Press **EDIT** (🔍) to view the highlighted message, then proceed to One of the following screens appears in the display:
 - **Text Message** — **Create Txt Msg** screen showing the **To** list appears in the display.
 - **Picture Message** — **Create Pic Msg** screen showing the **Send To** list appears in the display. Change or add numbers and addresses, then press **OK**.

Proceed to Step 3.

- Press **Options** (⋮). The following options appear in the display:
 - **Send** — Send the message to the current addressee(s).
 - **Lock/Unlock** — Block a message from being erased or free a message to be erased.
 - **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
 - **Save Quick Text** — Save the message text in the Preset Msg folder.
 - **Erase Drafts** — Erase all messages in the Drafts folder.

Use the Navigation key to highlight an option. Press **OK** to perform the function for the highlighted option.

- Press **Back** (⬅️) to return to the **Messages** menu.

3. If you press **EDIT** (🔍), in the **To** screen/field, do one of the following:

- Press **OK**.
- Change or add recipient information, then press **OK**.

4. In the **Text** screen/field, do one of the following:

- Press **Abc** (🔑). The following options appear in the display:
 - **T9 Word** — Predictive, single key press per letter text entry mode.
 - **Abc** — Alphabetical, multiple key press text entry mode. The first letter is capitalized.
 - **ABC** — Alphabetical, multiple key press text entry mode. All letters are capitalized.
 - **123** — Enter numbers by pressing the corresponding key on the keypad.
 - **Symbols** — Enter symbols into your message by pressing the corresponding number that appears above it in the display. Use the Navigation key to highlight the desired option. Press **OK** to perform the function for the highlighted option.
- Press **SEND** (📤) to send the message.
- Press **Options** (⋮). (See “Message Send Options” on page 48 for more information.)

5. Once you're finished composing your message, do one of the following:

- Press **SEND** (📤) to send your message.

- Press the  key to exit the message. You are prompted to save your changed message to the Drafts folder.

Voicemail

New voice messages in your voice mailbox are logged in the Voicemail folder of the Messages menu. Open the Voicemail folder to view the Callback # (if available), Urgency, and other details of new voicemail messages.

1. From the **Messages** menu, select **Voicemail**. A Voicemail status screen indicating the number of new messages in your voice mailbox, their urgency, and any callback numbers appears in the display.
2. Press  to call your voice mailbox and listen to your voice messages.

Note: You can, in standby mode, also press and hold  to dial your voice mailbox.

Erasing Messages

You can erase all of the messages in each/all of your message folders from one convenient location.

Note: This function erases all messages in a selected message folder or in all message folders. To delete a single message, from the Messages menu, open the message folder where the message to be deleted is

stored, then select and delete the message from the Option menu while viewing the message content.

1. From the **Messages** menu, select **Erase Messages**. The following options appear in the display:
 - **Inbox** — Lets you delete all messages from your Inbox.
 - **Outbox** — Lets you delete all messages from your Outbox.
 - **Drafts** — Lets you delete all draft messages from the Drafts folder.
 - **All Messages** — Lets you delete all messages from all message folders.
2. Highlight the folder containing the messages that you wish to delete, then press the  key to access the highlighted folder. You are prompted to confirm the erasure of all messages in the folder.
3. To cancel deleting any messages, press **No** (). To delete all messages from the selected folder, press **Yes** (.

Message Settings

The **Msg Settings** menu lets you define numerous message settings such as notification types and save options.

1. From the **Messages** menu, select **Msg Settings**. The following **Msg Settings** options appear in the display:

- **Notification** — Lets you choose whether to be notified of a new message by the appearance of an on-screen message and the new message icon or by the Icon Only.
 - **Auto Save** — Lets you set whether to automatically save to the Outbox folder, to discard, or to prompt you to save unsent messages when you exit them.
 - **Auto Erase** — Automatically erase the oldest read message after memory is full.
 - **Auto View** — Automatically displays the message.
 - **Entry Mode** — Lets you set the default text entry mode [T9 Word, Abc/ABC (alphabetical), or 123 (numerical)] for composing message text.
 - **CB#** — Lets you disable, enable, and update the callback number that can be inserted in outgoing messages.
 - **VM#** — Lets you update your Voicemail access number.
 - **Signature** — Lets you disable, enable, and update the text signature that can be inserted in outgoing messages.
 - **Preset Msgs** — Lets you change pre-composed text or compose text for addition to your outgoing messages.
 - **Auto Scroll** — When set to **On**, the phone automatically scrolls message text, letting you see the complete message text without using the Navigation key.
 - **Messaging Font Size** — Lets you set the messaging font size.
2. Highlight the desired setting sub-menu, then press  to access the highlighted sub-menu.

Section 8: Browser

This section outlines how to launch Browser, how to navigate to other pages on the web, and how the keys on the keypad are used with the web application. Additionally, links to other sites are briefly discussed.

Browser

With Browser, you can conveniently surf the web and download ringtones and wallpapers using your phone. Each time you launch Browser, your phone connects to the Internet and the service indicator icon () appears in the display.

Stored Web Content

Browser ends an Internet connection after a certain period of inactivity, however some information from your session remains stored in the phone (if you leave your phone turned on). You can access this information without reconnecting to the Internet. However, if you are viewing stored information, and you select a link to a site that was not accessed in your last session, you automatically re-connect to the Internet.

Launching Browser

1. In standby mode, do one of the following to launch **Browser**:
 - Press the Left navigation key.

- Press **MENU** → **Browser** → **Go to Web**.

Note: The first time you launch Browser, the warning message “**Browse & Download use airtime.**” pops up in your display. To have this message repeat the next time you launch Browser, press **Continue** (). To stop this message repeating, press **Remove** ()

A list of categories (each representing one or more web sites) appears in the display.

2. Use the navigation keys to browse the categories.
3. Once the desired category is highlighted, press  () to enter the category list.

Exit Browser

- ▶ Press  to exit **Browser**.

Using Browser

When you use Browser, some of the keys operate differently than during a normal phone call. Browser presents on-screen items in any of the following ways:

- Text or numeric input.
- Links (embedded in content).
- Numbered options (some may not be numbered).

- Simple text.

You can act upon options or links by using the soft keys.

Browser soft keys

The bottom of the Browser display is a bar that contains browser commands. The Left and Right ( ) soft keys on the keypad are used to execute the command that appears above them in the display. These are called “soft keys” because their function changes depending on the application.

Using Links

Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown inside of brackets ([]). You can normally use the Left soft key () to select a link when it is highlighted.

How Browser Keys Work

The following table lists Browser keys and their functions.



Navigation keys — Use to browse lists and options.



BACK Key — A browse, back-up key. Press once to back up one page. Press and hold to go back to home page. Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.



Asterisk/Shift Key — Press before entering text to enable uppercase characters.



Last Key — Press to enter a zero (0), or to move to the last item in a menu.



Pound/Space Key — Press to insert a space when entering text.



Number 1 thru 9 — Use the number keys to select items in a menu if they are numbered.



End Key — Press to exit the Browser and return the phone to standby mode.



Left Soft Key — Press to activate the command that appears above it in the display.



Right Soft Key — Press to activate the command that appears above it in the display.

Section 9: Games & Apps

This section explains the Games & Apps features where users can download multimedia, applications, games, and check news and sports.

Finding Applications

With Games & Apps, you can download full featured applications over the air including games, personalized ring tones, pictures, and more.

1. In standby mode, do one of the following to launch **Games & Apps**:
 - Press the Right navigation key.
 - Press **MENU** → **Games & Apps** → **Games & Apps**.

Note: The first time you launch Games & Apps, the warning message “**Browse & Download use airtime.**” pops up in your display. To have this message repeat the next time you launch Games & Apps, press **Continue** (). To stop this message repeating, press **Remove** ().

The Games & Apps screen appears in the display with the **Games & Apps** icon () highlighted. You have the following options:

- Press . The **Games & Apps** menu appears in the display. You can use the items in this menu to browse or search for, purchase, and download applications.

- Use the navigation keys to select an application on your phone that you wish to launch.

Section 10: Camera

Use your The r430 phone to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends. It's fun, and as easy to use as a traditional point-and-click camera. This section explains how you can do the following:

- Take pictures with your phone's built-in digital camera.
- Send and receive pictures taken with your phone's camera.
- Set the several options associated with the camera that help you take crisp, clear pictures.

Activating Your Camera

1. In standby mode, press and hold the Camera key () on the right side of the phone.

Note: You can also activate the camera by pressing **MENU** → **Multimedia** → **Camera**.

The message "**Loading**" appears in the display followed by a camera view finder screen. (For more information, refer to "*Camera Screen Layout*" on page 61.)



Your phone is now in camera mode.

Taking Pictures

Taking pictures with the built-in camera is as simple as choosing a subject, pointing the lens (located on the rear of your phone, at the top), and pressing a button.

Taking Snap Shots (Single Pictures)

To take a single picture using the current camera settings, do the following:

1. In camera mode, point the camera lens at your subject.
2. When the image that you wish to capture appears in the display, press **TAKE** () or .
3. To save the picture to memory, press **Save** ()
4. To erase the photo, press **Erase** ()

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. (For more information, refer to "*Camera Options*" on page 62.)

Taking Multi Shot Pictures

When taking pictures of moving subjects or subjects you cannot pose, such as children and pets, the camera's Multi Shot mode simplifies the process of taking multiple pictures in quick succession. After taking Multi Shot pictures, the camera automatically displays thumbnail views of the pictures you have just taken so you can select the best picture(s) and discard the rest.

1. In camera mode, press **Options** (). The options menu bar appears in the display with the **Self Timer** icon () highlighted.

2. Use the Left/Right navigation keys to highlight the **Multi Shot** icon ().

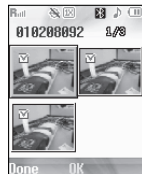


The following **Multi Shot** options appear in the display:

- **Series Shot** — Lets you take a series of 3 photos.
 - **Divided Shot** — Lets you take a single photo mosaic of 4 shots.
 - **Auto/Manual** — Lets you select to take the multiple photos automatically (in quick succession) or to take each successive photo manually.
3. When you select either **Series Shot** or **Divided Shot** and press . The following options appear in the display:
 - **Off**

• On

4. When you select **On** and then press , the Series Shot progress bar ( 0/3) or the Divided Shot icon () (which acts as a progress bar while pictures are being take) appears in the display.
5. Using the display as a viewfinder, point the camera lens at your subject.
6. When the image that you wish to capture appears in the display, press . The camera takes one picture (**Manual**) or multiple pictures in quick succession (**Auto**), then the Series Shot or the Divided Shot multiple-photo screen appears in the display.



• Series Shot:

- To save the pictures to memory, press **Done** ().
- To discard the pictures, press .

• Divided Shot:

- To save the divided shot picture to memory, press **Save** ().



- To send the picture in a picture message, press **Send** (●).
- To discard the picture, press **Erase** (🗑️).

Camera Screen Layout

When you activate your phone's camera, the second line of the display is reserved for the current camera resolution setting and the picture counter. The center of the display shows a viewfinder image of the subject at which the camera is pointed. The soft key labels on the bottom line of the display change to the following:

- **Gallery** — Pressing **Gallery** (🖼️) opens the **My Images** multimedia folder so you can view or manage your stored pictures. (For more information, refer to *"The Photo Gallery"* on page 68.)
- **Take** — Pressing **TAKE** (●) takes a picture of the image currently appearing on the display.
- **Options** — Pressing **Options** (⚙️) opens a menu bar of camera options and settings.



Camera Screen Icons

You can set your camera to display status icons as shown. (For more information, refer to *"Icon Display"* on page 65.)



Camera — Indicates the camera is active.



Night Shot — Indicates the camera is set to take pictures in low light.



Quality — Indicates camera's picture quality setting. (You can change the picture quality setting. For more information, refer to *"Quality"* on page 66.)



Camera Resolution — Indicates camera's current resolution setting. (You can change the camera resolution setting. For more information, refer to *"Camera Options"* on page 62.)



Photo Limit — Indicates the available number of photos you can take. (Depending on the camera resolution setting.)



White Balance — Indicates camera's white balance setting. (You can change the camera white balance setting. For more information, refer to *"White Balance"* on page 63.)



Zoom — Enlarges the image from X0 to X9 before you take a picture. (Depending on the camera resolution setting.)



Brightness — Brightens or darkens the image from -4 to +4.



Multi Shot in use (Divided Shot) — Takes multiple pictures automatically (as shown) or manually (📷) when you press the ● key. The number of pictures taken depends upon the Divided Shot setting.



Multi Shot in use (Series Shot)

— Takes multiple pictures when you press . The number of pictures taken depends upon the Series Shot setting.



Self Timer in use — Delays the camera shutter from 2 to 10 seconds after you press .

Saving Pictures

After you've taken a picture, you can do any of the following:

- **Save the picture** by pressing **Save** ().

A picture is stored in the **My Images** folder. This folder is part of the phone's memory devoted to storing, browsing, and viewing saved pictures. (See "The Photo Gallery" on page 68. for more information.)

- **Send the picture** to someone else by pressing **Send** ().

For a detailed procedure, see "Creating and Sending a Picture Message" on page 46.

- **Discard the picture or video** by pressing the **Erase** (right) soft key ().

Camera Options

The Camera Options let you adjust the default camera settings to suite available lighting, the subject of the photo, or the purpose of the photo. To access Camera Options, do the following:

1. In camera mode, press **Options** (). The following sub-

menus appear in the display:

- **Self Timer**
- **Multi Shot**
- **White Balance**
- **Fun Tools**
- **Settings**
 - **Auto Save**
 - **Icon Display**
 - **View Mode**
 - **Night Shot**
 - **Shutter Sound**
 - **Quality**
 - **Resolution**
 - **Reset Settings**

2. Highlight the desired option and/or setting value, then press to save the selected value.

Self Timer

Self Timer lets you delay taking a picture long enough to let you join others in a picture.

1. In camera mode, press **Options** () and select **Self Timer**. Highlight one of the following **Self Timer** options:
 - **Off**
 - **2 Seconds**

- **5 Seconds**
 - **10 Seconds**
2. Press . If you select **2 Seconds**, **5 Seconds**, or **10 Seconds**, the Self Timer icon appears in the camera screen in the display.

The next time you press , the countdown timer indicates the time remaining before the camera takes the picture. The phone reads the countdown timer value beginning with two or three and continuing to zero, when the picture is taken.

Tip: To stop the countdown timer without resetting it, press the key.

Multi Shot

Multi Shot lets you take multiple pictures in succession at the touch of a key.

1. In camera mode, press **Options** (), then select **Multi Shot** and one of the following Multi Shot options:
 - **Series Shot** — Off / On (3 pictures taken in succession).
 - **Divided Shot** — Off / On (4 of the same new picture in a 2-by-2 array).
 - **Auto/Manual** — Automatically takes pictures / You Manually take the pictures.

2. Select the desired option value and press to save the setting.

Note: When a Multi Shot option is set to a value other than Off, either the Series Shot progress bar (0/3) or the Divided Shot icon () appears in the viewfinder screen.

The next time you press **TAKE** () , the camera takes several pictures in rapid succession.

White Balance

White Balance allows you to adjust picture quality according to available light.

1. In camera mode, press **Options** (), then select **White Balance** one of the following White Balance values:
 - **Auto** — The camera automatically adjusts picture quality to available light.
 - **Sunny** — Use this setting when taking pictures in full sun.
 - **Cloudy** — Use this setting when taking pictures in cloudy conditions.
 - **Tungsten** — Use this setting when taking pictures under incandescent lights.
 - **Fluorescent** — Use this setting when taking pictures under fluorescent lights.

Each option, as you highlight it, shows the effects it has on a picture.

- When you decide on the White Balance you wish to use, press . The camera viewfinder screen appears in the display with your selected White Balance applied.

The next time you press **TAKE** () , the camera applies your selected White Balance to your picture.

Fun Tools

Fun Frame

Fun Frame lets you temporarily apply one of the preloaded picture frames in your phone to characterize or enhance one or more pictures.

Note: The **None** frame is a blank frame.

- In camera mode, press **Options** () , then select **Fun Tools → Fun Frame**. A preview of an available Fun Frame appears in the display.
- Use the Left/Right navigation keys to preview the various Fun Frames.

- When you decide on the Fun Frame you wish to use, press . The camera screen appears in the display with your selected Fun Frame in place.

The next time you press **TAKE** () , the camera includes the selected Fun Frame in your picture.

Color Effect

Change the look of your pictures with Color Effect. Choose from six available settings such as Sepia, Negative, and Aqua. The selected Color Effect previews in the display before you take the picture.

- In camera mode, press **Options** () , then select **Fun Tools → Color Effect**.
- Press . The following options appear in the display:

Note: Choose **Normal** to disable **Color Effect**.

- **Normal** — Subjects and pictures appear with normal hues.
- **Black&White** — Subjects and pictures appear in black and white.
- **Sepia** — Subjects and pictures appear in a brownish-gray hue.
- **Negative** — Subjects and pictures appear in inverted colors.
- **Green** — Subjects and pictures appear in a greenish hue.
- **Aqua** — Subjects and pictures appear in an aqua hue.

3. Highlight the color effect of your choice, then press **●**.

You're returned to the camera viewfinder screen.

When you take your next picture, the phone's display shows your subject image with the selected Color Effect.

Settings

Most camera options apply only during the current camera session. Camera settings, however, apply to all camera sessions until you change or reset their values.

Auto Save

1. In camera mode, press **Options** (**⌵**), then select **Settings → Auto Save**. The following options appear in the display:
 - **Off** — You are prompted to confirm saving each photo.
 - **On** — Your photos are saved automatically.
2. Highlight the automatic save setting of your choice, then press **●**. You're returned to the camera viewfinder screen.

Icon Display

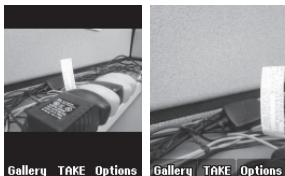
1. In camera mode, press **Options** (**⌵**), then select **Settings → Icon Display**. The following options appear in the display:



- **Display All** — Shows camera icons as seen in “Camera Screen Icons” on page 61.
 - **Guideline** — Shows a cross hatch pattern in the view finder screen.
 - **No Icons** — Shows a nearly full-display subject image and without icons.
2. Highlight the Icon Display setting of your choice, then press **●**. You're returned to the camera viewfinder screen.

View Mode

1. In camera mode, press **Options** (**⌵**), then select **Settings → View Mode**. The following options appear in the display:



- **Landscape** — Shows a wider, more panoramic view of the subject.
 - **Portrait** — Shows a narrower, more vertically oriented view of the subject.
2. Highlight the view mode setting of your choice, then press . You're returned to the camera viewfinder screen, which now shows the selected view.

Night Shot

Night Shot lets you take pictures in low light conditions.

1. In camera mode, press **Options** (), then select **Settings → Night Shot**. The following options appear in the display:
 - Off
 - On

2. Highlight the Night Shot setting of your choice, then press . You're returned to the camera viewfinder screen.

Shutter Sound

Choose from four different sounds whenever you take a picture. Aside from being a cool sound effect, Shutter Sounds acts as an audible reminder that your camera has taken a picture.

1. In camera mode, press **Options** (), then select **Settings → Shutter Sound**. The following shutter sounds appear in the display:
 - Off
 - Shutter
 - Okay
 - Ding Dong
2. Highlight the shutter sound setting of your choice, then press . You're returned to the camera viewfinder screen.

Quality

You can affect how much your photo is compressed, thereby reducing its overall size (not to be confused with resolution).

1. In camera mode, press **Options** (), then select **Settings → Quality**.

2. The following options appear in the display: **Fine**, **Normal**, or **Economy**.
3. Highlight the desired Quality setting, then press  .
You're returned to the camera viewfinder screen.

Resolution

Change the size (in bytes) of your pictures using the Resolution setting.

1. In camera mode, press **Options** (), then select **Settings → Resolution** options:
 - **1280 X 960** (pixels)
 - **640 X 480** (pixels)
 - **320 X 240** (pixels)
 - **160 X 120** (pixels)
 - **Picture ID** — lets you take pictures the correct size and resolution for Contacts list picture IDs.
2. Highlight the desired resolution setting, then press  .
You're returned to the camera viewfinder screen.

Note: The Resolution setting affects zoom capabilities. When Resolution is set to **1280 X 960**, zoom is not available. When Resolution is set to any value lower than **1280 X 960**, zoom settings **1 – 9** are available.

Reset Settings

1. In camera mode, press **Options** (), then select **Settings → Reset Settings**. You are prompted to confirm reset of all camera settings.
 - To reset the camera settings to default values, select the **Yes** option.
 - To keep the current camera settings, select the **No** option.

Zoom

Zoom lets you temporarily enlarge the pictures you take. Increasing the Zoom (1 – 9) enlarges your pictures or videos (0 is normal).

- In camera viewfinder screen, use the Left and Right navigation keys to adjust the Zoom (the screen image enlarges to show the affects of your changes).

The next time you press **TAKE** (), the camera takes an enlarged picture according to your selected Zoom setting.

Brightness

Brightness lets you temporarily lighten the pictures you take. Increasing the Brightness (-4 – +4) lightens your pictures (0 is normal).

- In camera viewfinder screen, use the Up and Down navigation keys to adjust the Brightness (the screen image

lightens or darkens to show the affects of your changes).

The next time you **TAKE** (●), the camera takes a lighter or darker picture according to your selected Brightness setting.

The Photo Gallery

Saved pictures are stored in the My Images folder. You can browse the pictures one at a time (expanded mode), or view several pictures at once in thumbnail format.

1. In camera mode, press **Gallery** (🖼️). Thumbnail images of the first 4 of any pictures that you've saved appear in the display.

Tip: You can also access **My Images** by:

- Pressing the Down navigation key and selecting **My Images**.
 - Pressing **MENU → Multimedia → My Images**.
-

2. Use the Navigation key to browse pictures in the gallery.
3. Press **VIEW** (●) to expand a selected photo to fill the screen or to reduce the selected photo to a thumbnail image.

4. Press **Options** (⚙️) while viewing photos in the Gallery.

The following options appear in the display:

- **Send** — Send the currently displayed or highlighted photo as a Picture Message or Via Bluetooth to another device. (For more information, refer to “Bluetooth” on page 75.)
- **Set As** — Assign the currently displayed or highlighted photo to be standby screen Wallpaper or as a Picture ID for someone in your Contacts list.
- **Create Postcard** — Lets you create a Postcard to be sent as part of a Picture message. (For more information, refer to “Postcard Messages” on page 48.)
- **Rename** — Rename the currently displayed or highlighted picture.
- **Lock / Unlock** — Lock the currently displayed or highlighted image so that it cannot be deleted, or unlock the photo so that it can be deleted.
- **Erase** — Mark and erase selected unlocked photos.
- **Erase All** — Erase all unlocked photos.
- **Photo Info** — View the Title, time and date created, size, and resolution of the currently highlighted or displayed photo.
- **Get More Graphics** — Launches the Browser to let you find and download images.

5. Use the navigation keys to highlight the desired option.
Press ● to perform the function for the option or enter its sub-menu.

Switch From Expanded to Thumbnail Mode

1. Highlight a picture that you wish to view full size, press **VIEW** (●).
2. Press **VIEW** (●) again to return to the thumbnail view of your photos.

Point, Click, and Send Pictures

Take a picture and send it to anyone with a compatible device in a few easy steps.

1. In standby mode, press and hold the **Camera** key () to activate the camera.
2. Using the display as a viewfinder, take the desired picture by pressing **TAKE** (●).
3. Press **SEND** (●). The picture is saved automatically, and the **Create Pic Msg** screen appears in the display.
4. Enter the recipient's phone number or e-mail address using the keypad or find and select a Contact by pressing **Add** (.

5. Press ● to save the address(es) and move to the **Subject** field. Use the navigation keys to move to the other message fields. (For more information, refer to *"Creating and Sending a Picture Message"* on page 46.)
6. When you are finished composing your message, press the **SEND** key (●) to send the Picture message to the intended recipients.

Section 11: Multimedia

This section outlines your phone's multimedia functions and key features associated with multimedia.

Accessing Multimedia

1. In standby mode, press **MENU** → **Multimedia**. The following Multimedia sub-menus appear in the display:
 - **Camera** — Lets you launch and set up your phone's camera. (For more information, refer to "Camera" on page 59.)
 - **My Images** — Lets you choose the multi-media or pictures that appear in your phone's display.
 - **My Ringtones** — Lets you assign melody tones for calls, alarms, and other alerts.
 - **My Sounds** — Lets you assign melody tones for calls, alarms, and other alerts.
 - **Ringback Tones** — Lets you download and assign ringback tones.
2. Use the Up/Down navigation keys to highlight a sub-menu.
3. Press  to enter the highlighted sub-menu. The following sections describe the above listed sub-menus in greater detail.

My Images

My Images lets you choose the pictures that appear in your phone's display while in standby mode (wallpaper) and as picture IDs for your contacts.

1. From the **Multimedia** menu, select **My Images**.
 - If there are no pictures stored in your phone, "**No Image**" appears in the My Images screen. [To launch the camera to take a picture, press Camera (). (For more information, refer to "Camera" on page 59.)]
 - If there are pictures stored in your phone, up to four thumbnail images of your pictures appear in the display.

Tip: You can also access My Images from:

- The Camera screen, by pressing **My Images** (.
 - The **Edit Contact** screen, by selecting the picture ID field and pressing **Set** (.
-

2. Use the navigation keys to highlight a picture.
3. Press  to expand the selected picture to fill the screen.
4. Press **Options** (). A pop-up menu containing the following options appears in the display:

- **Send** — Lets you send the selected image to a specified recipient in a Picture Message or to another device Via Bluetooth.
 - **Set As** — Lets you assign the selected picture as the **Main Wallpaper**, **Front Wallpaper**, or as the **Picture ID** for a Contact.
 - **Create Postcard** — Lets you create and send a Postcard message. (For more information, refer to “Postcard Messages” on page 48)
 - **Rename** — Lets you rename the picture.
 - **Lock / Unlock** — Lets you protect the picture from being deleted.
 - **Erase** — Erases the selected, unlocked picture.
 - **Erase All** — Erases all unlocked pictures.
 - **Photo Info** — Displays information about the picture, such as the picture **Name**, creation **Date** and **Time**, **Resolution**, and the data **Size**.
 - **Get More Graphics** — Launches the Browser to let you find and download images.
5. Highlight an option, then press  to invoke the selected option.
 6. To return to the previous menu, press . To return to standby mode, press .

My Ringtones

My Ringtones lets you assign ringtones (preloaded and downloaded) for calls, alerts, and as distinctive ringers for Contacts.

1. From the **Multimedia** menu, select **My Ringtones**. A list of ringtones appears in the display.

Tip: You can also access My Ringtones from:

-A **Set Alarm** screen by selecting the **Ringer** option, highlighting the second (file name) field, pressing the Left or Right navigation key, and selecting **My Ringtones**.

-The **Edit Contact** screen by selecting the **Ringtone** field, pressing the **Set** (left) soft key () , and selecting **My Ringtones**.

2. Use the navigation keys to highlight a particular ringtone.
 - Press  to **PLAY** the ringtone.
 - Press **Options** () to show the file name and file type.
3. Press **Set As** () to assign the highlighted ringtone. The following options appear in the display:
 - **Ringtone** — Lets you assign the selected ringtone to incoming voice calls.
 - **Contact ID** — Lets you assign the selected ringtone as the distinctive ringer for a Contact.
 - **Alert Tone** — Lets you assign the selected ringtone to **All Msg**, **Text Msg**, **Picture Msg**, or **Voicemail Msg**.
 Highlight an option, then press  .
4. When using a downloaded ringtone, press **Options** () and the following options appear in the display:

- **Lock / Unlock** — Lets you prevent/permit file deletion.
- **Erase** — Erases the selected file.
- **Rename** — Lets you rename the selected file.
- **Ringtone Info** — Displays information about the selected file, such as the file name, the file type, and the data size.
- **Get New Ringtones** — Launches the Browser so that you can download ringtones.

Use the Navigation key to highlight an option, then press



5. Press  to return to the previous menu, or press  to return to standby mode.

My Sounds

My Sounds lets you record voice memos and lets you assign preloaded and downloaded sound files as ringers for calls, alarms, and other alerts.

1. From the **Multimedia** menu, select **My Sounds**. **Record New** and a list of sound files appears in the display.

Tip: You can also access My Sounds from:

-A **Set Alarm** screen by selecting the **Ringer** option, highlighting the second (file name) field, pressing the Left or Right navigation key, and selecting **My Sounds**.

-The **Edit Contact** screen by selecting the **Ringtone** field, pressing **Set** () , and selecting **My Sounds**.

Note: Recorded sound files (voice memos) do not appear in these lists.

2. Use the navigation keys to highlight the **Record New** option, then press  to record a voice memo. (See “Voice Memo” on page 73. for more information.)
3. Press **Options** ().
 - For a recorded sound file, a pop-up menu containing the following options appears in the display:
 - **Send** — Lets you send the selected sound file to a specified recipient in a Picture message.
 - **Set As** — Lets you assign the selected sound file as the **Ringtone** or as the **Contact ID** for a Contact or an **Alert Tone** for Text, Picture, or Voicemail messages.
 - **Rename** — Lets you rename the sound file.
 - **Lock / Unlock** — Lets you protect the sound file from being deleted.
 - **Erase All** — Erases all sound files.
 - **Sound Info** — Displays information about the sound file, such as the file name, file size, file type, date, and time.
 - For a preloaded sound file, a pop-up menu containing the following options appears in the display:
 - **Send** — Lets you send the selected sound file to a specified recipient in a Picture message.

- **Set As** — Lets you assign the selected sound file as the **Ringtone** or as the **Contact ID** for a Contact or an **Alert Tone** for Text, Picture, or Voicemail messages.
- **Erase All** — Erases all sound files.
- **Sound Info** — Displays information about the sound file, such as the file name, file type, and the data size.
- For a downloaded sound file, the following options appear in the display:
 - **Set As** — Lets you assign the selected sound file as the **Ringtone** or as the **Contact ID** for a Contact or an **Alert Tone** for Text, Picture, or Voicemail messages.
 - **Rename** — Lets you rename the sound file.
 - **Lock / Unlock** — Lets you protect the sound file from being deleted.
 - **Erase All** — Erases all sound files.
 - **Sound Info** — Displays information about the sound file, such as the file name, file type, and the data size.

Highlight an option and press .

4. Press the  key to return to the previous menu, or press the  key to return to standby mode.

Voice Memo

You can use your phone to record voice memos for later playback.

Note: The maximum length for a single voice memo is 60 seconds.

You can save as many voice memos as will fit in the empty memory capacity.

Record a Voice Memo

1. From the **Multimedia** menu, select **My Sounds**. A list of sound files appears in the display with **Record New** highlighted.
2. Press . The **Record New** screen appears in the display.
3. Press **REC** () , then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording.
 - To pause the memo, press **Pause** (). When a memo is paused, select **Resume** to continue recording.
4. Press **SAVE** () once you're finished recording. The new recording is saved, and the **My Sounds** menu appears in the display.

Review Voice Memos

If you've saved any voice memos, you can review them anytime.

1. From the **Multimedia** menu, select **My Sounds**. A list of sound files appears in the display.
2. Use the navigation keys to highlight the voice memo you wish to review.

3. Press **PLAY** (●) to play the voice memo.
 - To stop playing the memo, press **STOP** (●). Press ● again to restart playing the memo.

When the voice memo finishes playing, the selected voice memo remains highlighted in the list of sound files.

Erase One Voice Memo

1. From the **Multimedia** menu, select **My Sounds**. A list of sound files appears in the display.
2. Use the navigation keys to highlight the voice memo you wish to erase.
3. Press **Erase** (⏏). “**Erase Sound?**” appears in the display.
4. Press **Yes** (⏏) to erase the selected voice memo, or press **No** (⏏) to return to the list of sound files.

Erase All Voice Memos at One Time

1. From the **Multimedia** menu, select **My Sounds**. A list of sound files appears in the display.
2. Use the navigation keys to highlight a voice memo.
3. Press **Options** (⏏). The following options appear in the display:

- **Send** — Lets you send a copy of this voice memo as part of a Picture Message or to another device Via Bluetooth.
- **Set As** — preloaded sound files only — Lets you set this sound file as a Ringtone, Contact ID ringer, or Alert Tone.
- **Rename** — Lets you change the name of this voice memo.
- **Lock/Unlock** — Blocks/permits erasure of this voice memo.
- **Erase all** — Erases all unlocked sound files that are not preloaded.
- **Sound Info** — Shows you the Name, Size, Type, Date, and Time for this sound file.

4. Select **Erase all**. “**Erase All Sounds?**” appears in the display.
5. Press **Yes** (⏏) to erase all unlocked the sound files or press **No** (⏏) to return to the list of sound files.

Section 12: Tools/Utilities

This section explains how to use your phone's digital assistant functionality to schedule events, set reminders, create a "to do" list, perform calculations, and more.

Tools/Utilities Menu

Tools/Utilities is a suite of Personal Information Management (PIM) applications such as a Calendar, To Do List, and Memo Pad that run on your phone. You can use your phone to schedule events, set reminders, create a to do list, perform calculations, and more with the functions provided by this useful feature.

Opening Tools Menu

1. In standby mode, press **MENU → Tools/Utilities**. The following sub-menus appear in the display:
 - **Bluetooth** — Lets you access Bluetooth functions.
 - **Calendar** — Lets you view the current, past, or future month in a monthly calendar layout.
 - **Memo Pad** — Lets you store and review useful information.
 - **Alarm Clock** — Lets you set an alarm to go off once, or daily, at a specified time.
 - **World Time** — Lets you view the current time of day or night in another part of the world.
 - **Calculator** — Lets you perform calculations, including addition, subtraction, multiplication, and division.

- **Stop Watch** — Lets you view the amount of time.
- **Converter** — Lets you convert currencies (according to the latest rates) and weights, measures, and temperatures from one system or increment to another.
- **Tip Calculator** — Lets you quickly calculate service gratuities with a minimum of keypresses.

2. Highlight an application, then press .

The following sections provide detailed descriptions of the applications and how to use their functions.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Turn Bluetooth On/Off

When the Bluetooth is turned on, you can use the Bluetooth features available. When the Bluetooth is turned off, you cannot send or receive information via Bluetooth. To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology headset.

Add New Device

To search for available Bluetooth devices:

1. From the **Tools/Utilities** menu, select **Bluetooth**. The following options appear in the display:
 - **Add New Device**
 - **Registered List**
 - **Bluetooth Settings**
2. Select **Add New Device**.

If Bluetooth is off, you are prompted to “**Turn bluetooth on?**”.

- To leave Bluetooth off and return to the Bluetooth menu, press **No** (⏮).
- To turn Bluetooth on, press **Yes** (⏭).

“**Place device you are connecting to in discoverable mode**” appears in the display.

3. Place the Bluetooth device in discoverable mode. (See the device user manual for more information.)
4. Press **●**. Names of the available devices appears in the display.
5. Highlight the device you want to pair with your phone.
6. Press **PAIR (●)** to pair the selected device with the phone. You are prompted to enter the passkey or PIN for the selected device.

Note: When pairing you phone with another Bluetooth device other than a headset or headphones, the same passkey or PIN must be entered on both devices (when prompted) for the pairing to succeed.

7. Enter the device passkey or PIN and press **●**.

Registered List

This menu provides a list of Bluetooth wireless technology devices discovered by your handset.

1. From the **Tools/Utilities** menu, select **Bluetooth → Registered List**. A list of registered devices appears in the display.

Connecting to a Bluetooth Device

From the Device list,

1. Highlight the device and press .
2. If you are unable to pair with the device a popup appears in the display. Press **Yes** () to retry.

Bluetooth Settings

Enable/Disable

Selecting this option turns Bluetooth on or off.

Discovery Mode

Allows other users to see your accessibility. Select **On** for other devices to see your device for 1 minute, or **Off** for no visibility.

Device Name

Shows the handset name. To change this name, enter a new name and press .

Supported Profiles

Lists and explains the Bluetooth profiles your phone supports.

Device Info

Shows the Bluetooth Type, Status, and Address of your phone.

Calendar

Calendar lets you view the current, past, or future month in a monthly calendar layout. While viewing the calendar, the current date is highlighted and days with scheduled events are surrounded by a box.

View an event

1. From the **Tools/Utilities** menu, select **Calendar**.

A calendar appears in the display with the current date highlighted. The month and year also appear.

2. Use the Navigation key to move around within the calendar screen. The following controls are also available:

- Press **Add** () to add an event to the highlighted date.
 - Press  to open the highlighted date.
 - To view previous months, press the Volume key () Up.
 - To view future months, press the Volume key () Down.
 - Press the navigation keys to move to an individual day, one day or one week at a time.
 - Press **Options** () while viewing the calendar. The following options appear in the display:
 - **Go to Date** — Lets you jump to any date you specify.
 - **Go to Today** — Lets you jump to any date you specify.
 - **Erase Old** — Lets you erase past events.
 - **Erase all** — Lets you erase all events.
- Select the desired option to perform the related process.

Add a New Event

1. From the **Tools/Utilities** menu, select **Calendar**.

A calendar appears in the display with the current date highlighted. The month and year also appear.

2. Highlight the date of the new event, then press **Add** (📅). The **New Event** screen appears in the display.
3. Use the Navigation key and the keypad to select and enter details of the event. (For more information, refer to “*Entering Text*” on page 30.)

Note: Enter the dates and times for the event using 2 digits for day, month, hour, and minute entries. Use 4 digits for year entries.

Use the Left/Right navigation keys to change between **AM** and **PM**.

Tip: You can also press  for **AM** or press  for **PM**.

4. When you're finished entering event details, press  to store the event in your calendar.

Note: If you set a notification **Alert**, an alert (tone/vibration/light) will notify you prior to the event.

Memo Pad

You can create a notes and store them in Memo Pad. You can't prioritize or set an alert for stored notes. Return to Memo Pad anytime you wish to review and edit your notes.

Add a Memo

1. From the **Tools/Utilities** menu, select **Memo Pad**.

If you have any stored memos, they appear as a list in the display. If this is your first time in **Memo Pad**, “**No memos**” appears in the display.

2. To add a new memo, press **Add** (📝). A numbered **Memo** screen appears in the display.
3. Enter a memo using the keypad. (For more information, refer to “*Entering Text*” on page 30.)
4. When you're finished entering details for the memo, press  to save your memo.

View, Edit, and Erase Memos

- ▶ From the **Tools/Utilities** menu, select **Memo Pad**, then highlight a memo.
 - To view the memo, press **VIEW** (👁️).
 - To edit the memo you are viewing, **Edit** (✎️).
 - Edit the memo using the keypad. (For more information, refer to “*Entering Text*” on page 30.)
 - To erase the memo you are viewing, press **Options** (⚙️), then select **Erase**. You are prompted to verify the erasure.
 - To erase the memo, press **Yes** (👉).
 - To keep the memo, press **No** (👈).

Alarm Clock

Your phone has an alarm clock that can be set to go off once, or daily at a specified time. Once set, the alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for **Once** has elapsed and the phone is off, the alarm occurs at the same time on the following day.

1. From the **Tools/Utilities** menu, select **Alarm Clock**. The following options appear in the display:
 - **Alarm 1**
 - **Alarm 2**
 - **Alarm 3**
2. Use the navigation keys to highlight an Alarm selection, then press the  key. A Set Alarm screen appears in the display containing the following options:
 - **Alarm** — Turns the alarm Off or On.
 - **Time** — Use the numeric keys to enter the time, and use the Left and Right navigation keys to select AM or PM.
 - **Frequency** — Lets you repeat the alarm Daily, Mon – Fri, Weekends, or Once.
 - **Ringer** — Lets you set the alarm ringer to a particular Tone, to Vibrate, or to Light Only.

Use the Up and Down navigation keys to select options, and use the Left and Right navigation keys to select values for the options.

Use the keypad to enter the time for the alarm.

3. When you're finished . The alarm is set and the alarm icon () appears in the top line of the display.

When an Alarm Sounds

An animated alarm clock appears in the display with the options **Snooze** or **Dismiss**, and an alert sounds when the specified time for the alarm arrives.

- Use the navigation keys to highlight **Dismiss**, then press the  key to silence the alarm.
 - If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
 - If the alarm was set as a Mon.-Fri. alarm, the alarm icon remains in the top of the display.
 - If the alarm was set as a Weekends only alarm, the alarm icon remains in the top of the display.
 - If the alarm was set as a Once only alarm, the alarm icon disappears from the top of the display.

Disabling Alarms

Turn Off the Alarm

Turning an Alarm to Off allows you to retain the current settings for later reuse.

1. From the **Tools/Utilities** menu, select **Alarm Clock**. The following options appear in the display:
 - **Alarm 1**
 - **Alarm 2**
 - **Alarm 3**
2. Select an active Alarm selection. The associated Alarm screen appears in the display with the **Alarm** option highlighted.
3. Use the Left/Right navigation keys to select **Off**, then press . The selected alarm is turned off.

Reset the Alarm(s)

1. From the **Tools/Utilities** menu, select **Alarm Clock**. The following options appear in the display:
 - **Alarm 1**
 - **Alarm 2**
 - **Alarm 3**
2. Select an active Alarm selection.

3. Highlight an active alarm.
4. Press **Options** (). The following options pop-up in the display:
 - **On / Off** — Enables/disables the highlighted Alarm using the current settings.
 - **Reset Alarm** — Disables the highlighted Alarm and resets its settings to default values.
 - **Reset All** — Disables all Alarms and resets all of their settings to default values.
5. Use the navigation keys to highlight the desired option, then press .

World Time

World Time lets you view the time of day or night in another part of the world. World Time displays time in any of 45 different cities and/or time zones around the world.

1. From the **Tools/Utilities** menu, select **World Time**. A world map appears in the display.
2. Use the Left/Right navigation keys to display the time zone and city that you wish to view.



The following time zones/cities are supported:

EST/EDT: Detroit Washington D.C New York Montreal Boston	Caracas	Brasilia	Mid Atlantic
Cape Verde	London	Paris	Rome
Berlin	Athens	Helsinki	Jerusalem
Moscow	Baku	Abu Dhabi	Tashkent
New Delhi	Alma-ata	Bangkok	Jakarta
Hong Kong	Beijing	Seoul	Tokyo
Guam	Sydney	Okhotsk	Wellington
Samoa	Midway	HAST/ HADT: Honolulu	AKST/AKDT: Alaska

PST/PDT: Seattle San Francisco Los Angeles	MST/MDT: Denver Arizona	CST/CDT: Dallas Chicago Houston Mexico City	
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- Press **Options** () and select to display (**DST On**) or not display (**DST Off**) Daylight Savings Time (DST) for the selected time zone.
- Do one of the following:
 - To set the selected time zone as the home time zone for your phone, press .
 - To return to the **Tools/Utilities** menu without setting a new home time zone, press .

Calculator

You can perform calculations, including addition, subtraction, multiplication, and division using your phone.

- From the **Tools/Utilities** menu, press  for **Calculator**. The **Calculator** appears in the display.
- Enter the first number in your equation using the keypad (numbers can be up to nine digits long).

- Press  to enter a decimal point. (Calculator only accepts 2 digits after a decimal point.)
 - Press  to change the sign for a number to a negative.
3. Use the **Navigation** key to set the type of calculation that you wish to perform. Your choices are as follows:
 - **Up** navigation key — **[x]** Multiplication
 - **Left** navigation key — **[-]** Subtraction
 - **OK** key — **[=]** Equals/Total
 - **Right** navigation key — **[+]** Addition
 - **Down** navigation key — **[÷]** Division
 4. Use the keypad to enter the second number into your equation.

For additional equation entry options, press **Operator** (). The following options appear in the display:

- **(** — Beginning of nested equation
 - **)** — End of nested equation
 - **Power** — Raise the entered number to a power
5. Press  to perform the calculation and view the result.
- To perform another calculation, press **Clear** (.

Stop Watch

You can use this menu to set a stop watch.

1. From the **Tools/Utilities** menu, select **Stop Watch**.

2. Press  to start, stop, and resume the stopwatch count.
3. Press **Record** () at the start of each succeeding event/lap to record the completion time for the previous event/lap.
4. Press **Reset** () to erase all stop watch (lap) times recorded.

Converter

The conversion menu provides the following conversion categories:

- Currency
- Length
- Weight
- Volume
- Area
- Temperature

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. From the **Tools/Utilities** menu, select **Converter** and the conversion feature you wish to use.
2. Use the **Navigation** key to select the units to be converted **From** and **To**.

3. Enter the quantity you want converted in the **From** field.
The converted quantity appears in the **To** field.

Note: To include a decimal point, press the  key.

Currency — Reviewing/Editing Exchange Rates

The Currency Converter includes long-term average exchange rates as default values. To review and/or change a default exchange rate to the current exchange rate, do the following:

1. From the **Tools/Utilities** menu, select **Converter → Currency**.
2. Press **Rate** (). The **Exchange Rate** list for the **USD** currency appears in the display.
3. Use the Left/Right navigation keys to display the **Exchange Rate** list for the currency to be converted **From**.
4. Use the Up/Down navigation keys to highlight the currency Exchange Rate to be changed.
5. Press **EDIT** (). The **EDIT EXCHANGE RATE** screen appears in the display.
6. Use the keypad to change the exchange rate. (For more information, refer to “Entering Numbers” on page 32.)

7. Press  to save the changed exchange rate.
8. Press  to return to the Currency Converter screen.

Currency — Adding Exchange Rates

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies. To add a currency and its exchange rate to the Currency Converter, do the following:

1. From the **Tools/Utilities** menu, select **Converter → Currency**.
2. Press **Rate** (). The **Exchange Rate** list for the **USD** currency appears in the display.
3. Press **Add** (). The **ADD EXCHANGE RATE** screen appears in the display with the **Base** field highlighted.
4. Use the Left/Right navigation keys to select the **Base** currency to be converted from.
5. Press the Down navigation key to highlight the **Currency** field.
6. Enter an identifier of up to 5 characters for the new currency using the keypad. (For more information, refer to “Entering Text” on page 30.)

7. Press the Down navigation key to highlight the **Exchange Rate** field.
8. Enter a decimal exchange rate or the new currency using the keypad. (For more information, refer to “*Entering Numbers*” on page 32.)

Note: Press the  key to enter the decimal point.

The **Exchange Rate** field only accepts two digits after the decimal point.

9. Press **SAVE** () to save the new exchange rate.

Currency — Erasing Exchange Rates

You cannot erase the preloaded currencies from the Exchange Rate list. You can erase a currency that you have added to the list by doing the following:

1. From the **Tools/Utilities** menu, select **Converter → Currency**.
2. Press **Rate** (). The **Exchange Rate** list for the **USD** currency appears in the display.
3. Use the Up/Down navigation keys to highlight the currency exchange rate to be erased.

4. Press **Erase** (). You are prompted to confirm the erasure.
5. To erase the selected exchange rate, press **Yes** ().
To return to the Exchange Rate list without erasing the selected exchange rate, press **No** ().

Tip Calculator

Tip Calculator automatically calculates the following amounts:

- Gratuity (tip)
- Individual payment (for groups)

Calculations are based on the total amount of the check, a selected percentage, and the number of people paying.

1. From the **Tools/Utilities** menu, select **Tip Calculator**. The **Tip Calculator** screen appears in the display with the **Bill** field highlighted.
2. Use the keypad to enter the total amount of the bill. (For more information, refer to “*Entering Numbers*” on page 32.)
3. If needed, press the Down navigation key to highlight the **Tip** field.

4. Use the keypad to enter a tip percentage. (For more information, refer to *"Entering Numbers"* on page 32.)
5. If needed, press the Down navigation key to highlight the # **Paying** field.
6. Use the keypad to enter the number of persons paying. (For more information, refer to *"Entering Numbers"* on page 32.)
7. The amount of the Tip, the bill Total, and the amount Each person should pay appear in the lower half of the screen.

Section 13: Voice SVC

This section explains how to use your phone's digital assistant functionality to schedule events, set reminders, create a "to do" list, perform calculations, and more.

Launching Voice Service

VoiceSignal is state-of-the-art voice recognition software for your mobile phone that lets you dial numbers, lookup contact information, and open applications using your voice. To access your phone's voice settings, do the following:

1. In standby mode, press **MENU** → **Voice Service**. The following options appear in the display:
 - **Voice Commands**—Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see *"Making a Call — Voice Dialing"* on page 19. and *"Voice Method"* on page 37 for more information.
 - **Voice Settings**—Lets you tailor VoiceSignal to better respond to your voice and your phone use preferences.
2. Highlight the desired sub-menu, then press **●**.

Voice Commands

To start VoiceSignal, do one of the following:

- In standby mode, press and hold the **⏏** key.
- From the **Voice Service** menu, select **Voice Commands**.

"Say a Command" appears in the display and is pronounced through the earpiece, followed by a list of available commands.

Note: You can also set your phone to start VoiceSignal when you open the phone. (For more information, refer to *"Voice Launch"* on page 89.)

VoiceSignal includes the following commands:

- **Call** — Lets you dial the phone by saying any name stored in your contact list, without ever having to record, or "train" that name. VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number. (For more information, refer to *"Making a Call — Voice Dialing"* on page 19.)
- **Send Text** — Lets you launch the Create Text Msg screen. (See *"Creating and Sending a Text Message"* on page 45 for more information.)
- **Send Picture** — Lets you launch the Create Pic Msg screen. (See *"Creating and Sending a Picture Message"* on page 46 for more information.)
- **Lookup** — Lets you look up and display contact information for any name stored in your Contacts list by saying the name. (See *"Finding a Contacts Entry"* on page 37 for more information.)

- **Go to** — Lets you access the Voice Memo, Calendar, and Contacts List features of your phone. (See “Voice Memo” on page 73, “Calendar” on page 77, and “Your Contacts List” on page 34 for more information.)
- **Check** — Lets you check your phone’s status (that is, network coverage, signal strength, and battery in the same report), network coverage, signal strength, battery, and phone number.

Note: Speaking clearly, say the command that you want to use. If, after a few seconds, the device has not recognized a command, it prompts you to repeat the command. If, after a few more seconds, it still has not recognized a command, it tells you “Sorry, no match found,” and cancels voice recognition.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice-Activating Your Contacts List

When you first start VoiceSignal, it reads your Contacts list and voice-activates all the names stored there. When you have add or change contacts, VoiceSignal automatically reloads and voice-activates the entire list.

Ending Calls Before Restarting the VoiceSignal Software

When you use VoiceSignal to make a call, you must end that call before you can use VoiceSignal again.

Voice Settings

Choice Lists

VoiceSignal uses choice lists when it is not confident it has correctly recognized a name or number. In this case, it can display a list of up to three possible choices, and prompt you to confirm the correct one.

You can change the way that VoiceSignal uses choice lists with name dialing, digit dialing, and contacts. For each feature, you can choose to always see a choice list (even if there is only one choice), or never see a choice list (even if there are multiple choices). If you leave the setting at “Automatic,” VoiceSignal displays a choice list only when it is not confident it has correctly recognized the name or number.

To change the way VoiceSignal uses choice lists:

1. From the **Voice Service** menu, select **Voice Settings** →

Choice Lists the following options appear in the display:

- **Automatic**—VoiceSignal displays a choice list only when it is not sure if it has correctly recognized the name or number.
- **Always On**—VoiceSignal always displays a choice list, even when there is only one choice.
- **Always Off**—VoiceSignal never displays a choice list.

Use the navigation keys to highlight the Choice List behavior you prefer, then press the  key to accept the new setting.

Sensitivity

1. From the **Voice Service** menu, select **Voice Settings → Sensitivity**. The **Sensitivity** screen appears in the display.
2. Use the Up/Down navigation key to adjust the Sensitivity setting to **Reject More** spoken commands or names or to **Reject Less** spoken commands or names.
3. To accept the new setting, press **OK** (.

Digit Dialing

If you regularly have trouble with VoiceSignal not recognize the numbers you say, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. From the **Voice Service** menu, press **Voice Settings → Digit Dialing**. The following options appear in the display:
 - **Adapt Digits**
 - **Reset Digits**
2. Select **Adapt Digits**. Your phone displays the first digit sequence and “**Please say**” plays through the speaker followed by the four digits appearing in the display.

3. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts “Did the recording sound ok?”
 - If the recording was good, say “**Yes.**”
 - If you need to re-record, say “**No.**”If you say “**No.**” the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits. Repeat this step until you’re satisfied with the recording.
4. After confirming that the recording sounds “ok”, continue the recording process with the next set of digits.
5. After 10 sets of digits, “**Adaptation complete**” plays through the speaker and you are returned to the **Digit Dialing** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. From the **Voice Service** menu, select **Voice Settings → Digit Dialing**.

The following options appear in the display:

- **Adapt Digits**
- **Reset Digits**

2. Select **Reset Digits**. The phone prompts you to confirm digit adaptation rest.
Press **OK** () to reset your digit adaptation, or press **Back** () to cancel and retain your digit adaptation.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. From the **Voice Service** menu, select **Voice Settings → Sound**. The following options appear in the display:
 - **Prompts** — Enables or disables audio prompts.
 - **Digits** — Enables or disables audio digit playback.
 - **Names** — Enables or disables audio name playback.
 - **Name Settings** — Lets you adjust the speed and volume of your phone’s audio name playback.
2. Highlight the desired setting.
3. Press  to accept the new setting.

Voice Launch

To set the key or action that launches VoiceSignal, do the following:

1. From the **Voice Service** menu, select **Voice Settings → Voice Launch**. The following options appear in the display:

- **Key Only** — Press and hold  to activate VoiceSignal for one call.
 - **Key / EarMic** — Attach a headset to your phone. Press and hold  to activate VoiceSignal. Now, you can make and end calls using VoiceSignal by pushing the button on the headset. Press  to release VoiceSignal.
 - **Key / Flip** — Press and hold  to activate VoiceSignal for repeated calls. Open and close the flip to make and end calls using VoiceSignal. Press  to release VoiceSignal.
2. Use the navigation keys to highlight the option you want, then press  to save and exit.

About VoiceSignal

This option causes the **About VoiceSignal** screen to appear in the display, showing version and build information about the VoiceSignal software included on your phone.

- From the **Voice Service** menu, select **Voice Settings** → **About**.

The **About VoiceSignal** screen appears in the display showing the version level of the VoiceSignal software currently installed on your phone.

Section 14: Changing Your Settings

This section explains how to customize your phone to suit your needs and preferences.

Accessing Your Settings

- ▶ To access your phone's settings from standby mode, do one of the following:
 - Press **Settings** (⚙️).
 - Press **MENU → Settings**.
- The **Settings** menu appears in the display.

Location

This function identifies your location to the network via the Global Positioning System (GPS). You can set this function for continuous operation or to operate only in the event that you dial 911.

Note: Contact your Wireless Provider to determine whether, when, or where location-based services are available.

1. At the **Settings** menu, select **Location**.

The following options appear in the display:

- **Location on** — GPS location setting is on whenever you make or receive a call, wherever the feature is available.

- **911 Only** — GPS location setting is on only when you dial 911.
2. Use the navigation keys to highlight the option you want.
 3. Press **●** to select the desired Location setting. You're returned to the **Settings** menu.

Display Settings

Using the **Display** menu, you can set the menu style, set the standby mode animation, customize the backlight settings, and more.

1. At the **Settings** menu, select **Display Settings**. The following options appear in the display:
 - **Menu Style** — Lets you choose whether the Main Menu appears as a matrix of icons or as a list of menus.
 - **Wallpaper** — Lets you choose the picture(s) that display(s) on your phone when in standby mode.
 - **Clock Format** — Lets you choose whether to show the time in the display in digital or analog format.
 - **Theme** — Lets you select the main menu color scheme.
 - **Dialing Font Size** — Lets you choose how the number will display on the display screen.
 - **Banner** — Lets you create your own personalized greeting that appears in the display when your phone is in standby mode.

- **Backlight** — Lets you set backlight options for the LCDs, keypad, and set the brightness.
 - **Front Contrast** — Lets you set contrast level for the Front (Sub) LCD.
2. Use the navigation keys to highlight a sub-menu.
 3. Press  to enter the highlighted sub-menu. The following sections describe the above listed display sub-menus in greater detail.

Menu Style

Menu Style allows you to choose how main menus appear in your display.

1. At the **Settings** menu, select **Display Settings → Menu Style**. The following options appear in the display:
 - **Icon** — Display main menus as icons.
 - **List** — Display main menus in a list format.
2. Highlight the option you want, then press  to select the highlighted option.

Wallpaper

Wallpaper lets you choose the pictures that appear in your phone's display while in standby mode.

1. At the **Settings** menu, select **Display Settings → Wallpaper**. The following sub-menus appear in the display:
 - **Main Display**
 - **Front Display**
2. Select the desired sub-menu. The following options appear in the display:
 - **My Images** — Choose a picture to appear in the display when the phone is in standby mode.
 - **Preset Images** — Choose a preset image to appear in the display when the phone is in standby mode.
 - **Screen Savers** — Main Display only — Lets you assign an animated image to appear in your display when the phone is in standby mode.
3. Select the desired option. Up to four pictures, images, or animations appear in the display.
4. Highlight a picture, image, or animation; then press  to set the highlighted picture, image, animation to display when the phone is in standby mode.

Clock Format

Clock Format lets you choose whether to show the time in the display in digital or analog format.

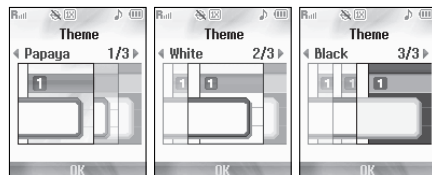
1. From the **Settings** menu, select **Display Settings → Clock Format**. The following clock options appear in the display:
 - **Main Clock**
 - **Front Clock**
2. Use the navigation keys to highlight the desired clock, then press **OK**. The following clock format options appear in the display:
 - **Digital** — Large numerical time and date display
 - **Analog** — 12-hour clock face with moving hour and minute hands
 - **Off** — Default small digital time and date displayHighlight the desired setting, then press **OK** to save the setting.

Theme

Theme lets you select the color scheme your phone uses to highlight menu items and scroll bar positions.

1. At the **Settings** menu, select **Display Settings → Theme**.

The following options appear in the display:



2. Highlight the desired setting, then press **OK** to save the setting.

Dialing Font Size

Dialing Font Size lets you select the size of displayed dialed numbers.

1. At the **Settings** menu, select **Display Settings → Dialing Font Size**. The following options appear in the display:
 - **Normal**
 - **Large**
2. Highlight the desired font size, then press **OK** to save the setting.

Banner

Create your own personalized text greeting that appears in the display while your phone is in standby mode.

1. At the **Settings** menu, select **Display Settings → Banner**. The **Banner** text entry screen appears in the display.

Note: If necessary, press and hold the  key to erase an existing banner.

2. Enter a word or short phrase (up to 12 characters) to appear in your phone's display while in standby mode. (For more information, refer to *"Entering Text"* on page 30.)
3. Press  to save the new banner.

Backlight

You can set the backlight for your display or keypad to remain on or off or to remain on for a specified period of time.

Note: Prolonged backlight use drains your battery faster.

1. At the **Settings** menu, select **Display Settings → Backlight**. The following sub-menus appear in the display:
 - **Main Display** — Sets the amount of time the main display backlight remains on with the phone idle. Optional settings are **7**, **15**, and **30 Seconds** and **Always On** (this setting uses much more power than the timed settings) and **Always Off**.
 - **Keypad** — Sets the amount of time the keypad backlight remains on with the phone idle. Optional settings are **7**, **15**, and **30 Seconds** and **Always On** (this setting uses much more power than the timed settings) and **Always Off**.

- **Brightness** — Use the Navigation key to select between any of 5 optional settings.

2. Use the Navigation key to highlight an option.
3. Press  to enter the highlighted option's sub-menu and to save changed settings as desired.

Front Contrast

Set the Front (Sub) LCD contrast to your preference.

1. At the **Settings** menu, select **Display Settings → Front Contrast**. The **Front Contrast** screen appears in the display.
2. Use the Navigation key to adjust the contrast for the Front Display. The results of your adjustments appear in the display.
3. Press  to save your new contrast setting.

Sound Settings

The sound menu provides a variety of options to customize audio properties for such things as ringers, keypad tones alerts, and more.

Volume

Use the Volume sub-menu to set the default volume for incoming calls and alarms, or set the phone to vibrate.

1. At the **Settings** menu, select **Sound Settings → Volume**.

The following options appear in the display:

- **Voice Calls** — Lets you set the volume and/or vibration for the incoming calls ringer.
- **Messages** — Lets you set the volume and/or vibration for the incoming messages ringer.
- **Alarms** — Lets you set the volume and/or vibration for the alarm ringer.

2. Select a Volume option.
3. Use the Volume key (on the left side of the phone) or the Navigation key to select a volume level (or vibrate mode) for the selected Volume option.
4. Press  to save the setting.

Ringer Type

You can assign ringer types and melody tones for calls, alarms, and other alerts, in the Ringer Type sub-menu.

1. At the **Settings** menu, select **Sound Settings → Ringer Type**. The following options appear in the display:

- **Voice Calls** — Lets you set which ringtone or sound file plays when you receive a voice call.
- **Messages** — Lets you set which ringtone or sound file plays when you receive a Text Message, Picture Message, and/or Voicemail message.

When you select **Messages**, the following options appear in the display:

- **Text Message**
- **Picture Message**
- **Voicemail**
- **Msg Reminder**

2. Select the desired sub-menu.

The following options appear in the display:

- **My Ringtones**
- **My Sounds**

3. Select the desired option and highlight a Ringer, then press  to save the changed Ringer setting.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, as well as other options.

1. At the **Settings** menu, select **Sound Settings → Alerts**.

The following Alerts sub-menus appear in the display:

- **Minute Beep** — Sounds an alert ten seconds before each elapsed minute of a call.
- **Roaming** — Sounds an alert when you leave your home service area.
- **Call Connect** — When you make a call, an alert sounds when the call is answered.
- **Power On/Off** — Plays a melody when you turn the phone on or off.
- **Charge Alert** — Plays a melody when you connect the Travel Adapter and when the battery is fully recharged.

2. Select the desired alert, then use the Navigation key to highlight **On** or **Off**.
3. Press  to save your selection.

Key Tone

Key Tone lets you adjust the volume level and length of tone that the keypad generates each time you press a key.

1. At the **Settings** menu, select **Sound Settings → Key Tone**. The following options appear in the display:

- **Tone Level** (volume)
- **Tone Length**

Tone Level is highlighted.

2. Press  to adjust the Key Tone volume.

- Use the Volume key or Navigation key to set the keypad tones volume.
- Press **SET** () when the desired key tone volume setting is reached. You are returned to the **Key Tone** sub-menu.

3. Select **Tone Length**, then use the Navigation key to highlight **Short** or **Long**.
4. Press  to save your setting. You are returned to the **Key Tone** sub-menu.

Call Settings

You can use Call Settings to select how your phone handles calls, both voice and data calls.

Call Answer

You can select a specific answer mode when you receive an incoming call.

1. At the **Settings** menu, select **Call Settings → Call Answer**. The following Call Answer options appear in the display:

- **Any Key** — Press any key except , the soft keys ( ) , or the Volume key to answer an incoming call.
- **Send Key** — Press  to answer an incoming call.

- **Flip Open** — Open the flip or press  to answer an incoming call.

Tip: You can set your phone to answer calls automatically, without any input from you. (For more information, refer to “Auto Answer” on page 97.)

2. Highlight the method you wish to use for answering calls, then press .

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

1. At the **Settings** menu, select **Call Settings → Auto Answer**. The following options appear in the display:
 - **Off** — Disables automatic answering of calls
 - **After 1 Second** — Phone automatically answers calls after 1 second
 - **After 3 Seconds** — Phone automatically answers calls after 3 seconds
 - **After 5 Seconds** — Phone automatically answers calls after 5 seconds
2. Highlight the desired setting, then press .

Auto Retry

Auto Retry automatically re-dials a number if the connection fails. Depending upon your location, the number of times your phone automatically dials the number may vary.

1. At the **Settings** menu, select **Call Settings → Auto Retry**. The **Auto Retry** sub-menu with the following options appears in the display:
 - **Off** — Disables automatic redialing of numbers
 - **Every 10 Seconds** — Phone automatically redials a number every 10 seconds
 - **Every 30 Seconds** — Phone automatically redials a number every 30 seconds
 - **Every 60 Seconds** — Phone automatically redials a number every 60 seconds
2. Highlight the desired setting, then press .

TTY Mode

Your phone is fully TTY compatible. TTY equipment is connected to your phone through the headset connector on the left side of the phone. TTY must be enabled before you can use your phone with a TTY device.

1. At the **Settings** menu, select **Call Settings → TTY Mode**. You are prompted to confirm you want to change the current TTY Mode setting.

Note: The “Enabling TTY may impair headset use and non-TTY accessory performance.” message pops up when you select **TTY Mode**.

2. To access the TTY Mode options, press **Yes** ().
To return to the **Call Settings** sub-menu, press **No** ().
3. When you press **Yes** (), the following options appear in the display:
 - **TTY Full** — Enables TTY mode and disables microphone and earpiece
 - **TTY + Talk** — Enables TTY mode and microphone
 - **TTY + Hear** — Enables TTY mode and earpiece
 - **TTY Off** — Disables TTY mode
4. Use the Navigation key to highlight your selection, then press  to save your selection and return to the **Call Settings** sub-menu.

Note: The TTY icon () appears in the top of the display.

Voice Privacy

Voice Privacy when enabled (that is, set to **Enhanced**), turns on advanced voice encryption.

1. At the **Settings** menu, select **Call Settings** → **Voice**

Privacy. The following options appear in the display:

- **Standard** — Voice privacy is disabled
 - **Enhanced** — Voice privacy is enabled
2. Use the Navigation key to highlight the Voice Privacy setting of your choice, then press  to save your setting.

Phone Settings

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from receiving or making calls (except emergency calls), but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

1. At the **Settings** menu, select **Phone Settings** → **Airplane Mode**. The following options appear in the display:
 - **On** — Disables the radio transmitter and receiver in your phone.
 - **Off** — Enables the radio transmitter and receiver in your phone.
2. Select the desired option.
 - When you select **On**, the “**Will disable all incoming and outgoing call?**” prompt appears in the display.
 - When you select **Off**, the “**Will enable all incoming and outgoing call?**” prompt appears in the display.
3. Press **Yes** () to apply your selection, display/remove the Airplane Mode icon () , and return to standby mode.

Press **No** () to make another selection.

Language

The language option on your phone can change the language of voice prompts, menus, and key-input.

1. At the **Settings** menu, select **Phone Settings** → **Language**. The following options appear in the display:
 - **English**
 - **Español**
2. Use the Navigation key to highlight your language preference, then press  to implement your preferred language.

Security

Use the Security menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, as well as other security options.

Lock Phone

Locking the phone limits all outgoing calls except calls to 911 emergency and the three user-programmable emergency numbers. You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. With the phone in lock mode, you can answer incoming calls, but you must

unlock the phone to place outgoing calls (except to emergency and secret numbers).

1. At the **Settings** menu, select **Phone Settings** → **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then select **Lock Phone**.

The following Device Lock Mode options appear in the display:

- **Lock** — Locks the phone immediately (The phone stays locked until you enter the lock code.)
 - **Unlock** — Unlocks the phone.
 - **On Power Up** — The phone locks automatically the next time your phone is powered ON. (The phone stays locked until you enter the lock code.)
3. Use the Navigation key to highlight the desired Device Lock Mode, then press  to invoke your setting.

Change Lock

The default lock code for your phone is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. At the **Settings** menu, select **Phone Settings** → **Security**.

You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then select **Change Lock**. You're prompted to enter the New Lock Code.
3. Enter the New Lock Code. You're prompted to re-enter the New Lock Code for verification.
4. Enter the New Lock Code again. Your changes are stored.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be manually called at any time, even when your phone is locked or restricted. This can be a useful feature for controlling outgoing calls from your phone.

Note: Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important! Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important! DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

Store Emergency Numbers

1. At the **Settings** menu, select **Phone Settings → Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then select **Emergency #**.
3. Select one of the three emergency number entries.
4. Enter an emergency number (up to 32 digits in length).
5. Press  to save the number you entered.

Call Emergency Numbers in Lock Mode

1. In standby mode with the phone locked, enter the

emergency number.

2. Press  to place the call.

Resetting Your Phone

Reset Phone returns all Settings options to their factory default.

1. At the **Settings** menu, select **Phone Settings → Security**.
You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then select **Reset Phone**. You are prompted to confirm that you wish to reset your phone's Settings to default values (except for your Contacts list and Voice Dial).
3. To reset your Settings to default values, press **Yes** ().
To keep your current Settings and return to the **Security** sub-menu, press **No** ().

Erase All Entries

Erase All Entries erases your Contacts list entries and My Images photos. This feature is useful if you want to give your phone to someone else.

1. At the **Settings** menu, select **Phone Settings → Security**.

You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then select **Erase All Entries**. You are prompted to enter the lock code a second time.

Note: The default lock code is the last four digits of your telephone number.

3. You are prompted to confirm erasure of all entries.
4. Press the **Yes** (left) soft key () to erase all entries or press the **No** (right) soft key () to return to the **Security** sub-menu.

Restriction

Restriction lets you restrict the use of your phone for outgoing calls, incoming calls, and access to your Contacts.

1. At the **Settings** menu, select **Phone Settings → Security**.
You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then select **Restriction**. The following options appear in the display:
 - **Outgoing** — Blocks/allows all outgoing calls.

- **Incoming** — Blocks/allows all incoming calls.
 - **Contacts** — Blocks/allows all access to Contacts list entries.
3. Select the desired Restriction. The following options appear in the display:
 - **On** — Enable the selected Restriction.
 - **Off** — Disable the selected Restriction.
 4. Use the Navigation key to highlight **On** or **Off**, then press  to save and implement your new setting.

System Select

The **System Select** menu allows you to select the roaming setting for your phone.

1. At the **Settings** menu, select **Phone Settings → System Select**. The following roaming options appear in the display:
 - **Home only** — Your phone is available for normal operation only within your designated coverage area.
 - **Automatic** — Your Wireless Provider's Preferred Roaming List (PRL) of networks is used to acquire service. If no preferred networks are found, any digital system is acquired.
2. Select the desired roaming option. You setting is saved, and you are returned to the **Phone Settings** menu.

Set Time

Use the **Set Time** option to set the current date and time while in an analog network.

Note: In digital service mode, the Set Time feature is disabled. The network adjusts time and date automatically.

1. At the **Settings** menu, select **Phone Settings → Set Time**.

The following options appear in the display:

- **Set Date**
- **Set Time**

2. Select the desired option.

- For **Set Date**, the **Set Date** screen appears in the display.
 - Enter the current date in mm/dd/yyyy format using your keypad. The month and day entries require two digits each. The year must be entered using all four digits.
 - Press  to save your Date setting.
- For **Set Time**, the **Set Time** screen appears in the display.
 - Enter the current time using your keypad. The hour and minute must be entered using two digits each and in 12/24-hour format.
 - Use the Up/Down navigation keys to highlight the time-of-day setting (am/pm) field.
 - Use the Left/Right navigation keys to select **am**, **pm**, or **24 Hours**. [You can also press  (for **am**) or  (for **pm**).]

— Press  to save the your Time setting.

Quick Search

Quick Search is an easy way to locate Menu items and Contacts.

1. At the **Settings** menu, select **Phone Settings → Quick Search**. The following options appear in the display:
 - **On** — Quick Search is enabled
 - **Off** — Quick Search is disabled
2. Use the Navigation key to highlight the desired Quick Search option, then press the  key to save your setting.

Searching for a Menu Item

1. In standby mode, press the first few numeric keys that correspond to the letters of the Menu item name.

For example, to search for “Inbox” you would enter:



2. Press the Down navigation key. The **Menu List** screen appears in the display showing a list of menu items that match your entry.

3. Select the desired menu item to access the content of the menu item.

Tip: If the menu item you are searching for does not appear in the **Menu List** screen, try expanding your search by pressing the  key to delete the last digit of your entry.

Searching for a Contact

1. In standby mode, press the first few numeric keys that correspond to the letters of the contacts name.

For example, to search for “Sally” you would enter:



2. Press the Up navigation key. The **Find** screen appears in the display showing a list of Contact names that match your entry.
3. Highlight the desired Contact, then press  to call the highlighted Contact.

Memory Info

Memory Info lets you quickly and easily review your phone memory usage. To access **Memory Info**, do the following:

1. At the **Settings** menu, select **Memory Info**. The **Memory Info** screen appears in the display showing the following information:
 - **Total Used** memory usage
 - **Available** unused memory
 - **My Photos** memory usage
 - **My Ringtones** memory usage
 - **My Sounds** memory usage
 - **Applications** memory usage
2. Press  to return to the **Settings** menu.

Phone Info

Phone Info options let you identify important information about your phone, such as the hardware and software versions of your phone, the meanings of your phones status icons, and the phone number assigned to your phone.

Phone Number

This option causes the Phone Number screen to appear in the display and show the ten-digit number assigned to your phone by your Wireless Provider.

1. At the **Settings** menu, select **Phone Info → Phone Number**. The phone number assigned by your Wireless Provider appears in the display.
2. Press  to return to the **Phone Info** menu.

Icon Glossary

This option causes the ICON GLOSSARY list to appear in the display and show the icons that can appear in the display and the names of the icons.

1. At the **Settings** menu, select **Phone Info → Icon Glossary**. A list of the icons that can appear on the top line of the display shows in the display.
2. Press  to return to the **Phone Info** menu.

Version

You can view both the software and hardware version of your phone using this feature. This feature is helpful if you need to contact Customer Service.

1. At the **Settings** menu, select **Phone Info → Version**.
Your phone's hardware and software version information appears in the display.
2. Press  to return to the **Phone Info** menu.

ESN / MEID

You can view the ESN (Electronic Serial Number)/MEID (Mobile Equipment Identifier) values for your phone in both Decimal and Hex values from this menu.

1. At the **Settings** menu, select **Phone Info → ESN/MEID**.

The ESN/MEID information displays in Dec and Hex.

2. Press  to return to the **Phone Info** menu.

Warranty Date Code

The device provides a customer warranty date code. The code (date MM/DD/YYYY and time HH:MM) is populated into the device after 10 minutes of CDMA usage time. This Date Code value may be used to determine the device warranty status.

You can view the Warranty data code for your phone.

- At the **Settings** menu, select **Phone Info → Warranty Date Code**.

The Warranty Date Code information appears in the display.

Section 15: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of

absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that

contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- **Head:** 0.789 W/kg
- **Body-worn:** 0.873 W/kg

SAR information on this and other model phones can be viewed online at <http://www.fcc.gov/oet/ea>. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: <http://www.samsung.com/us/consumer/type/type.do?group=mobilephones&type=mobilephones> for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the

health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with

cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can

provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone

away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it

was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing

more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested

wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (OSHA):
<http://www.osha.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/homepage.html>
- World Health Organization (WHO):
<http://www.who.int/peh-emf/>

- International Commission on Non-Ionizing Radiation Protection:
<http://www.icnirp.de>
- National Radiation Protection Board (UK):
<http://www.hpa.org.uk/radiation>
- US Food and Drug Administration
<http://www.fda.gov/cellphones>

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important! If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: <http://www.audiology.org>

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;

- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

<http://www.fcc.gov/oet/rfsafety/rf-faqs.html>

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

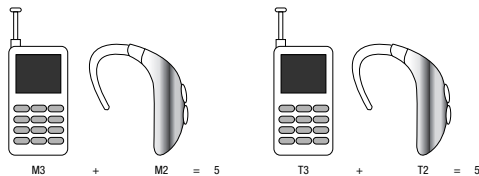
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5

is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number).
Emergency numbers vary by location.
3. Press the  key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to *"Bluetooth"* on page 75.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all

features are available for purchase or use in all areas.

Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.

- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and

lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 16: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?

SAMSGUNGTELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number

removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service

facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY

OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE

OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT

IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein St.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important! If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

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